

AMENDMENTS TO THE DRAWINGS:

The attached replacement sheets include a complete set of formal drawings of each of Figures 1 to 30 of the present application. Thirty-five (35) replacement formal drawing sheets are attached.

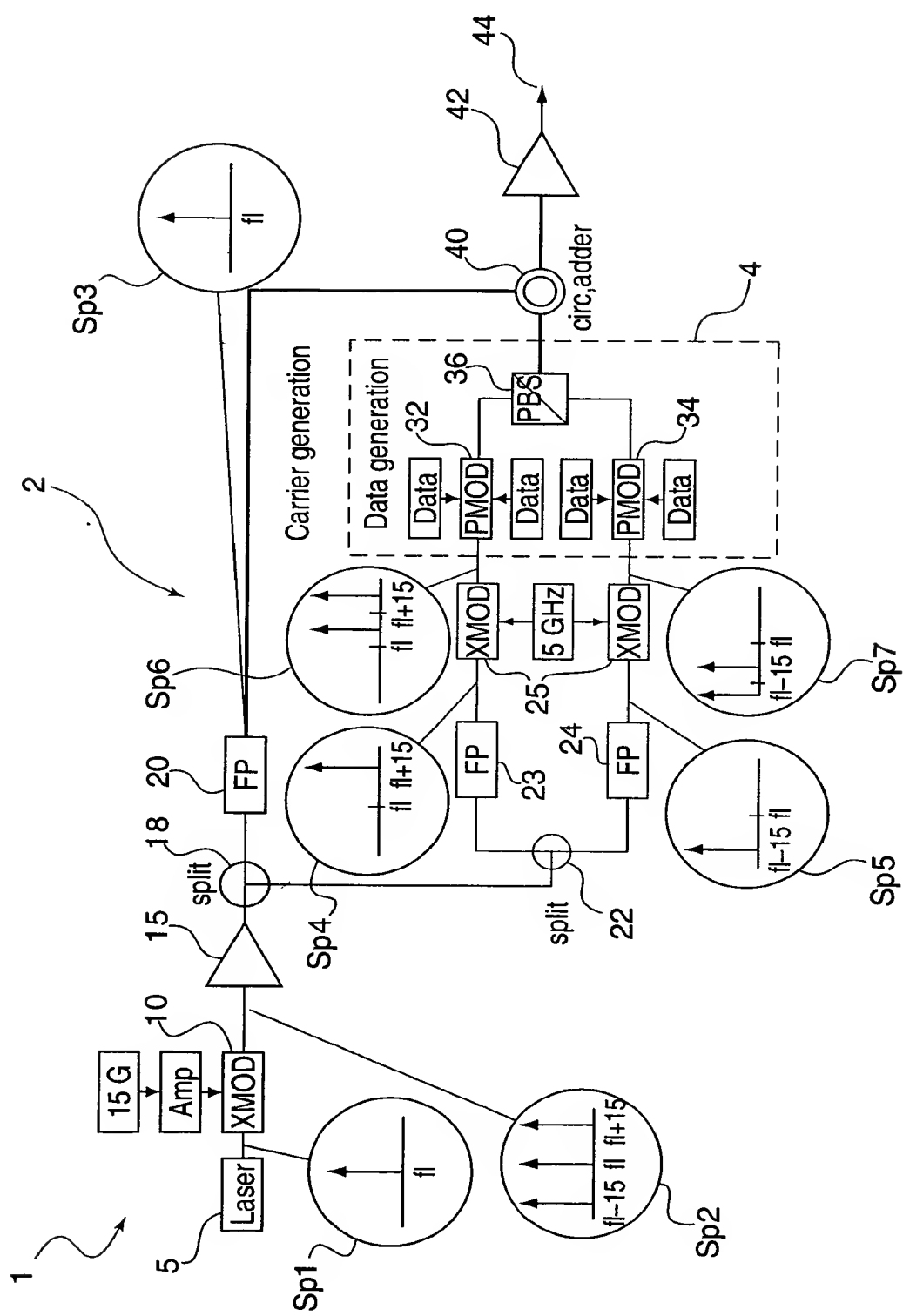


FIG. 1

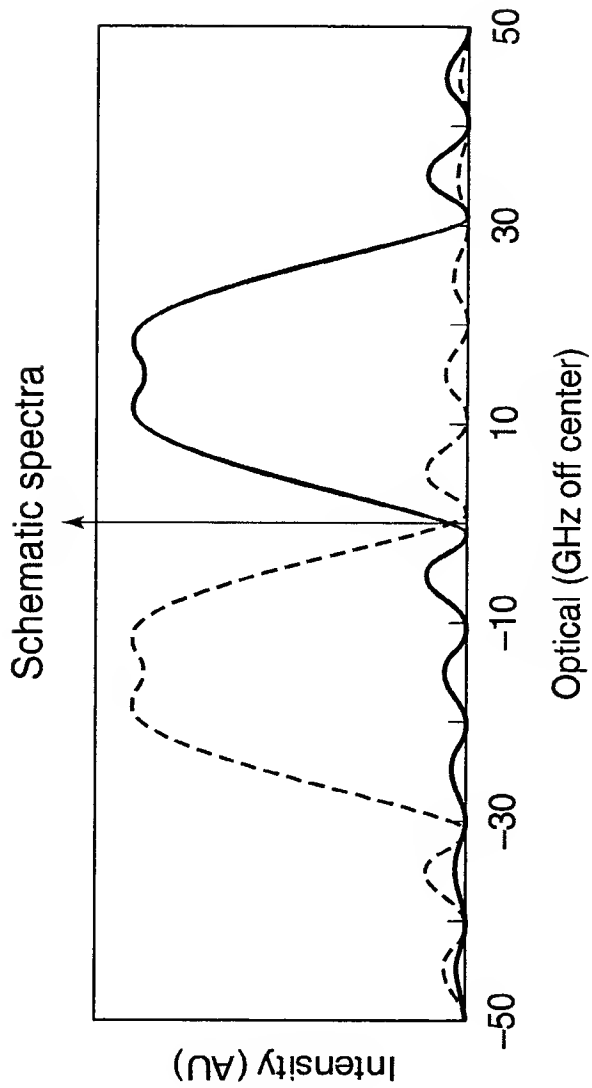


FIG. 2



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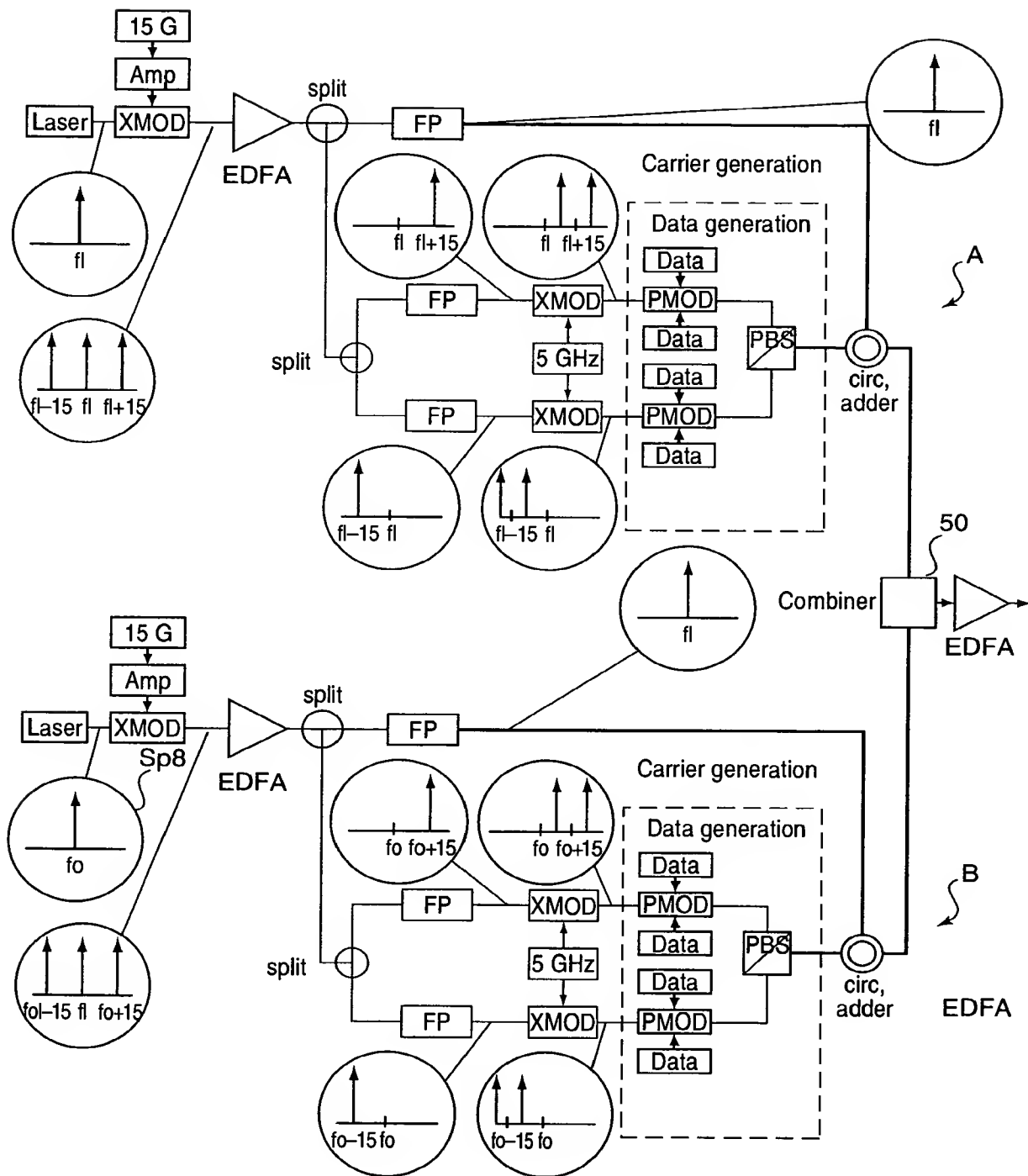


FIG. 3

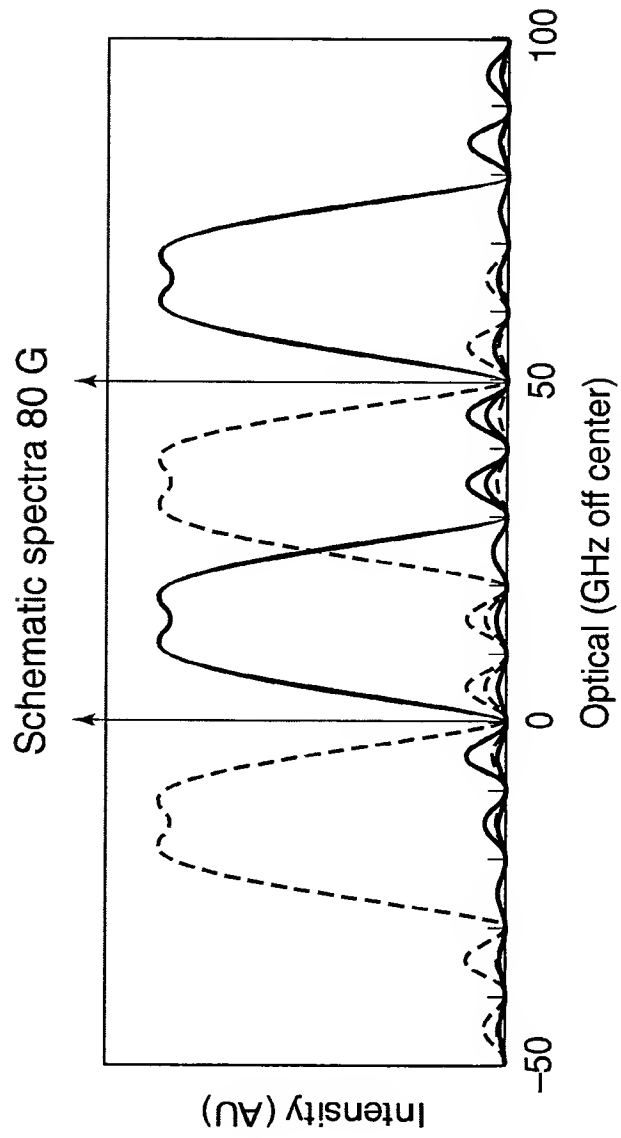


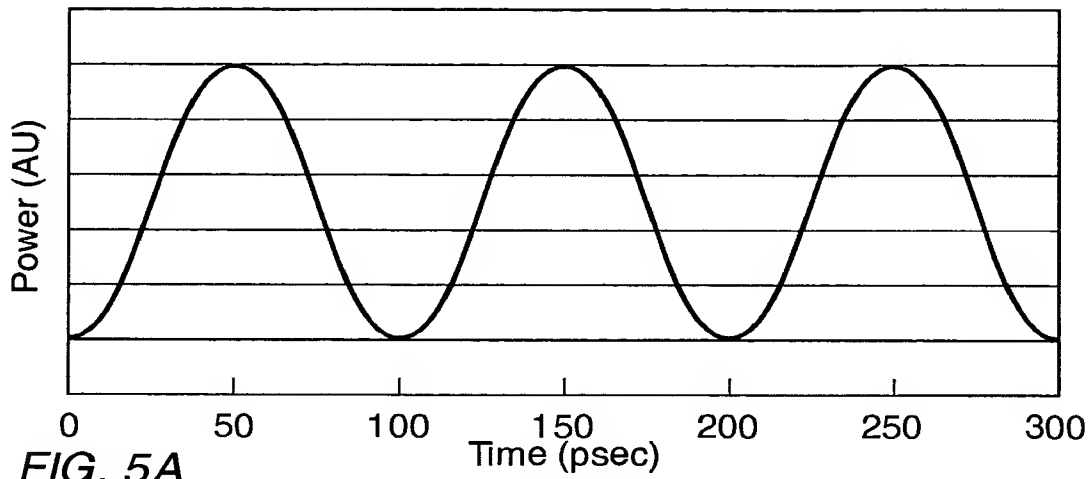
FIG. 4



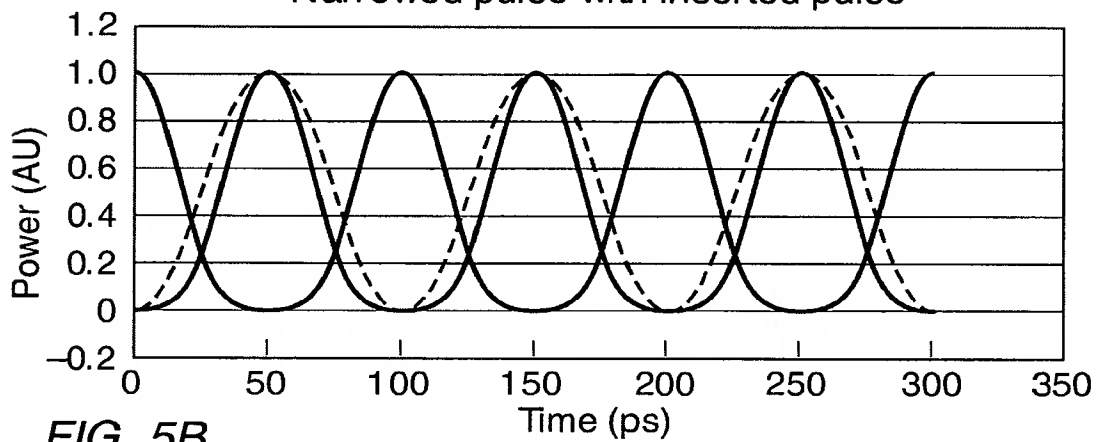
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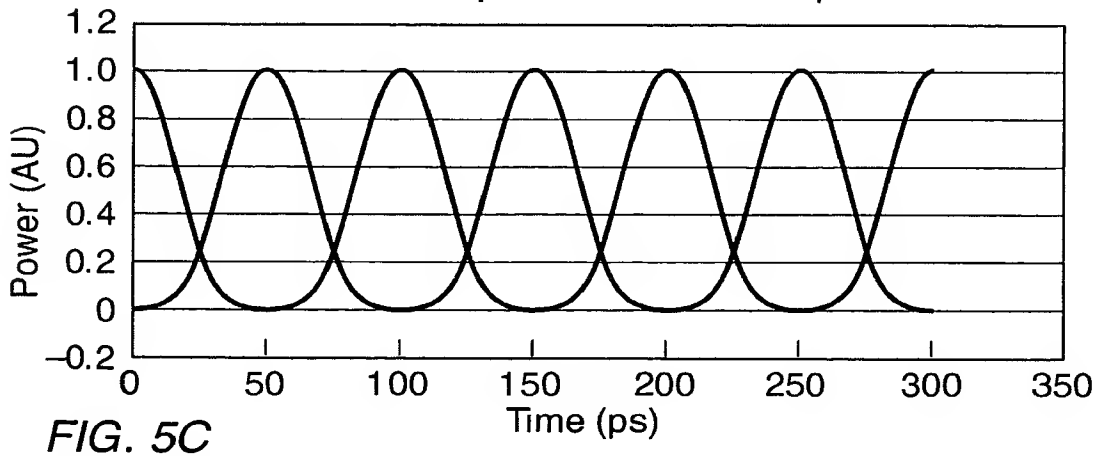
Pulse out of transmitter



Narrowed pulse with inserted pulse



Narrowed pulse with inserted pulse



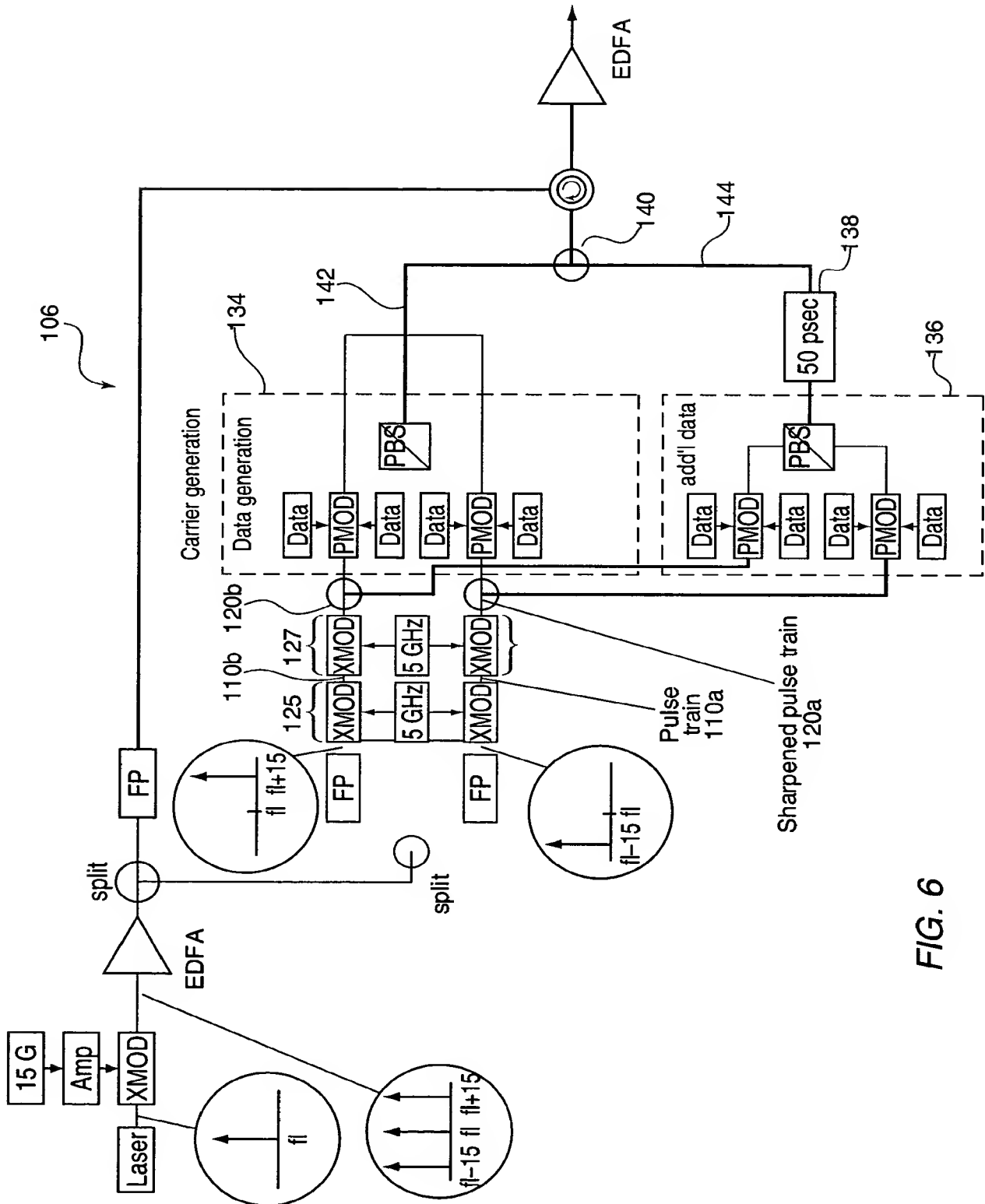


FIG. 6



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Schematic spectra 80/160 G

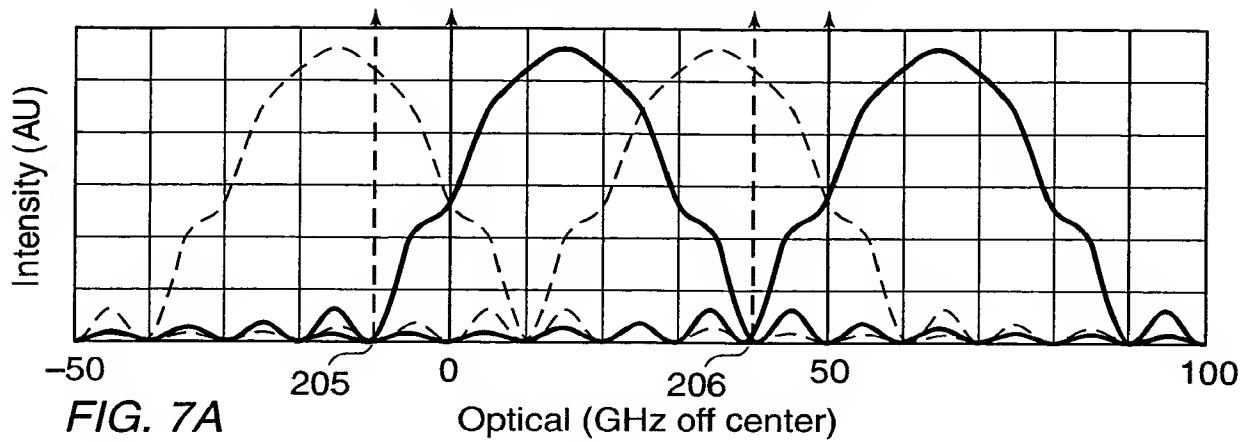


FIG. 7A

Schematic spectra 80/160 G

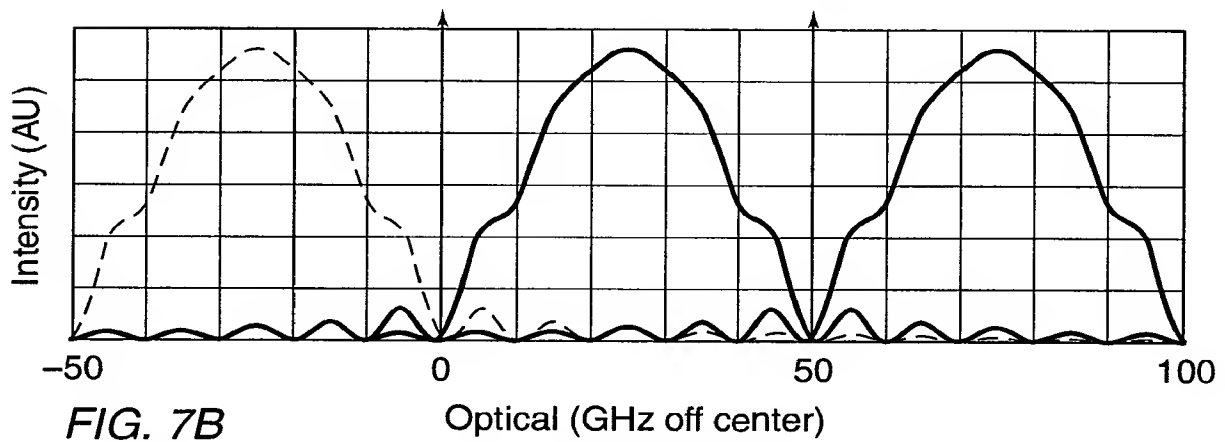


FIG. 7B

80 G spectra w/o pol. overlap

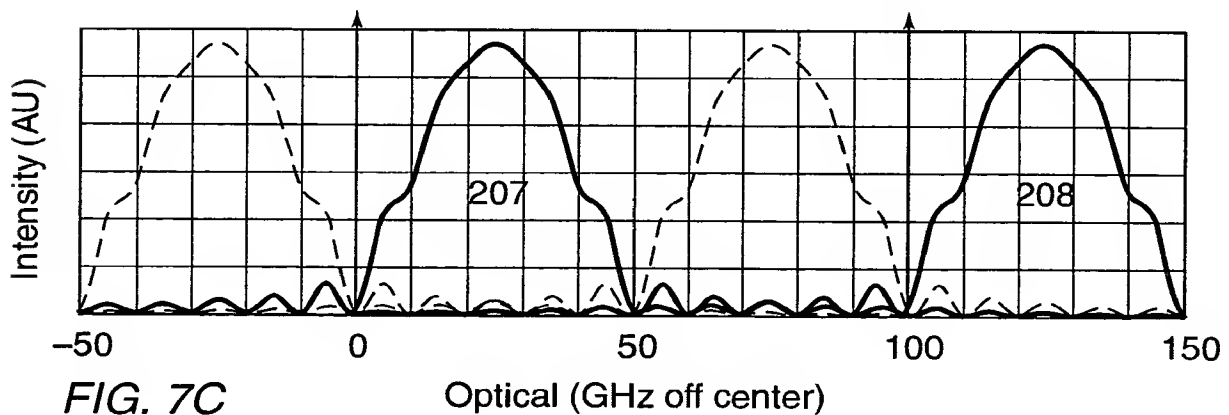


FIG. 7C



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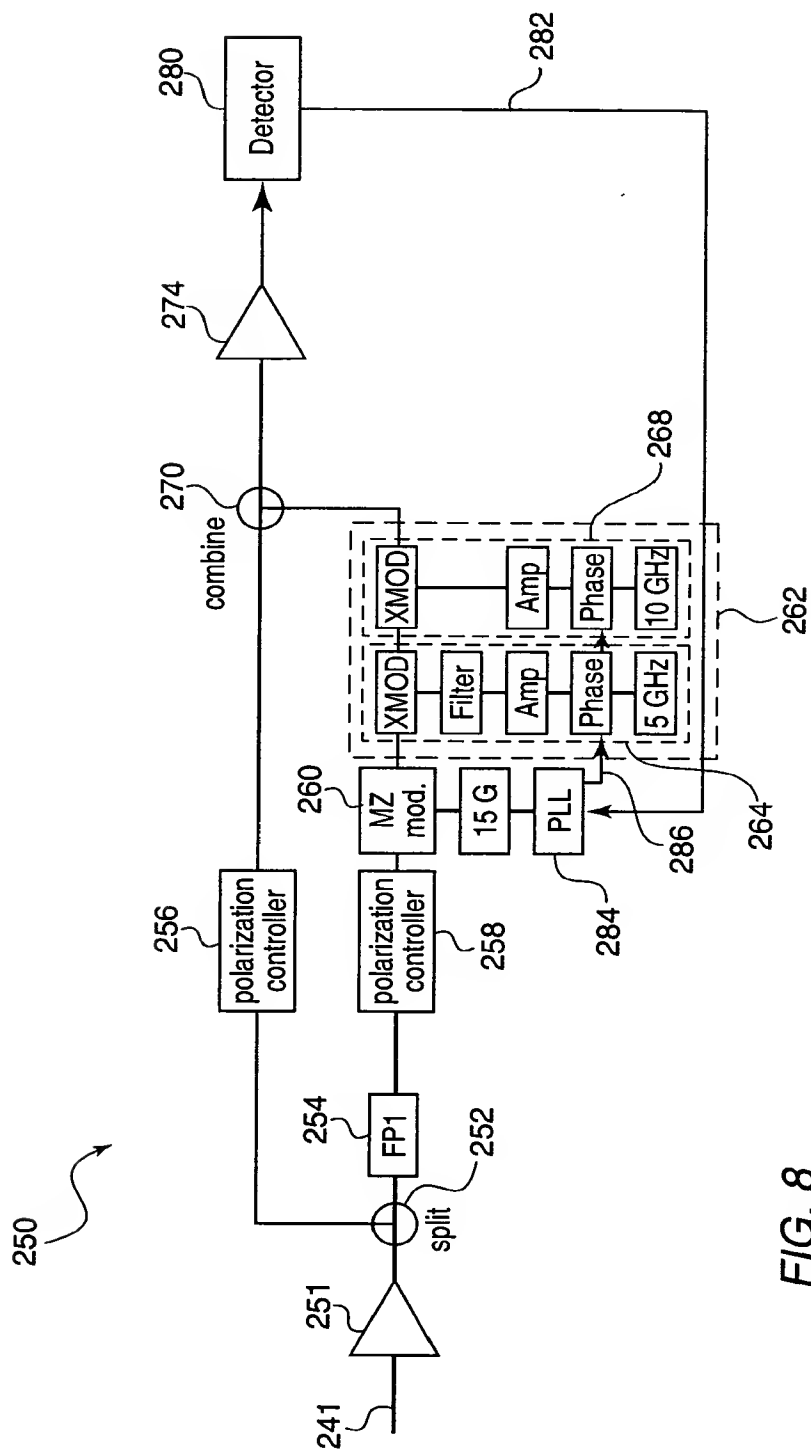
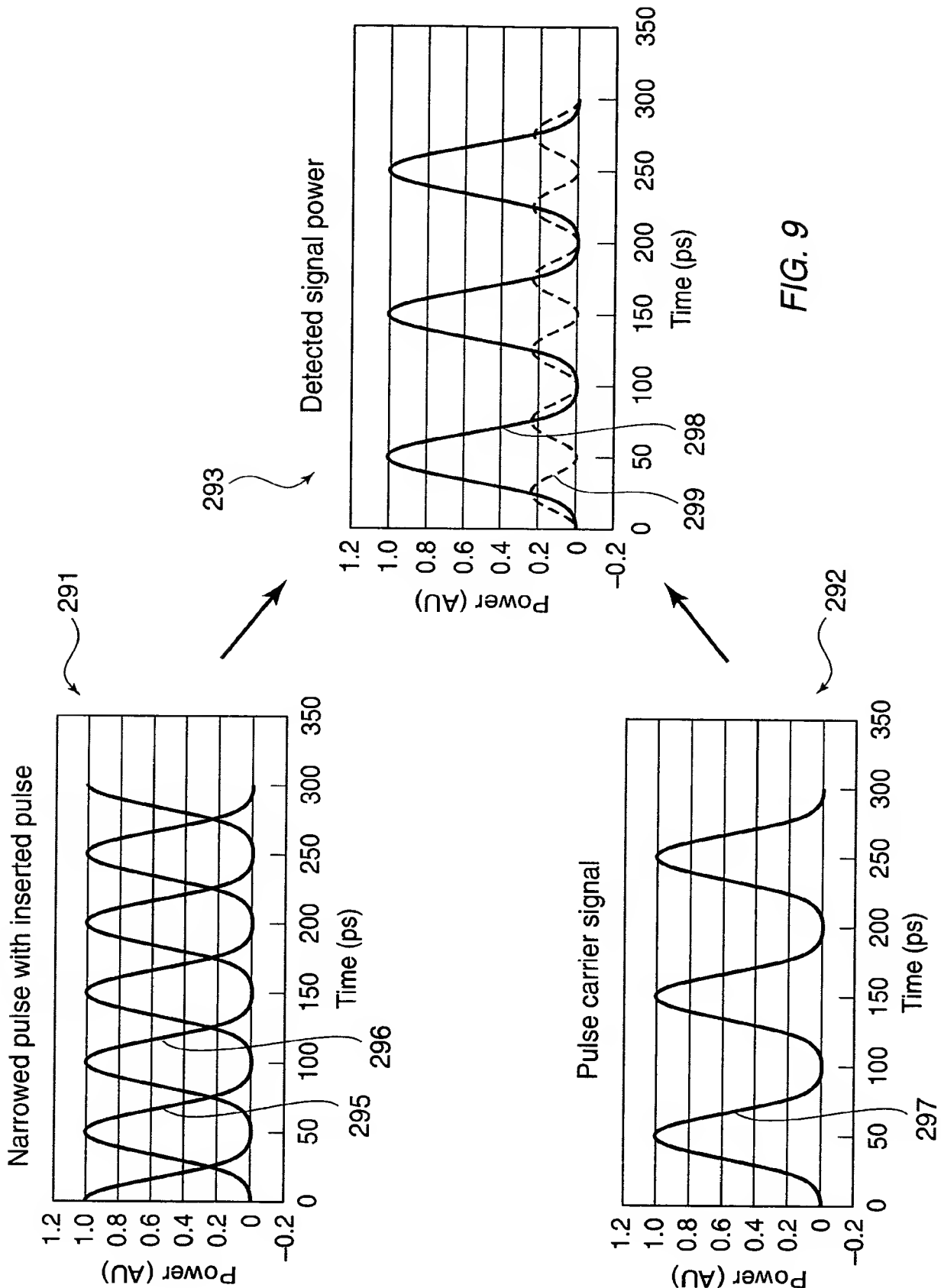


FIG. 8



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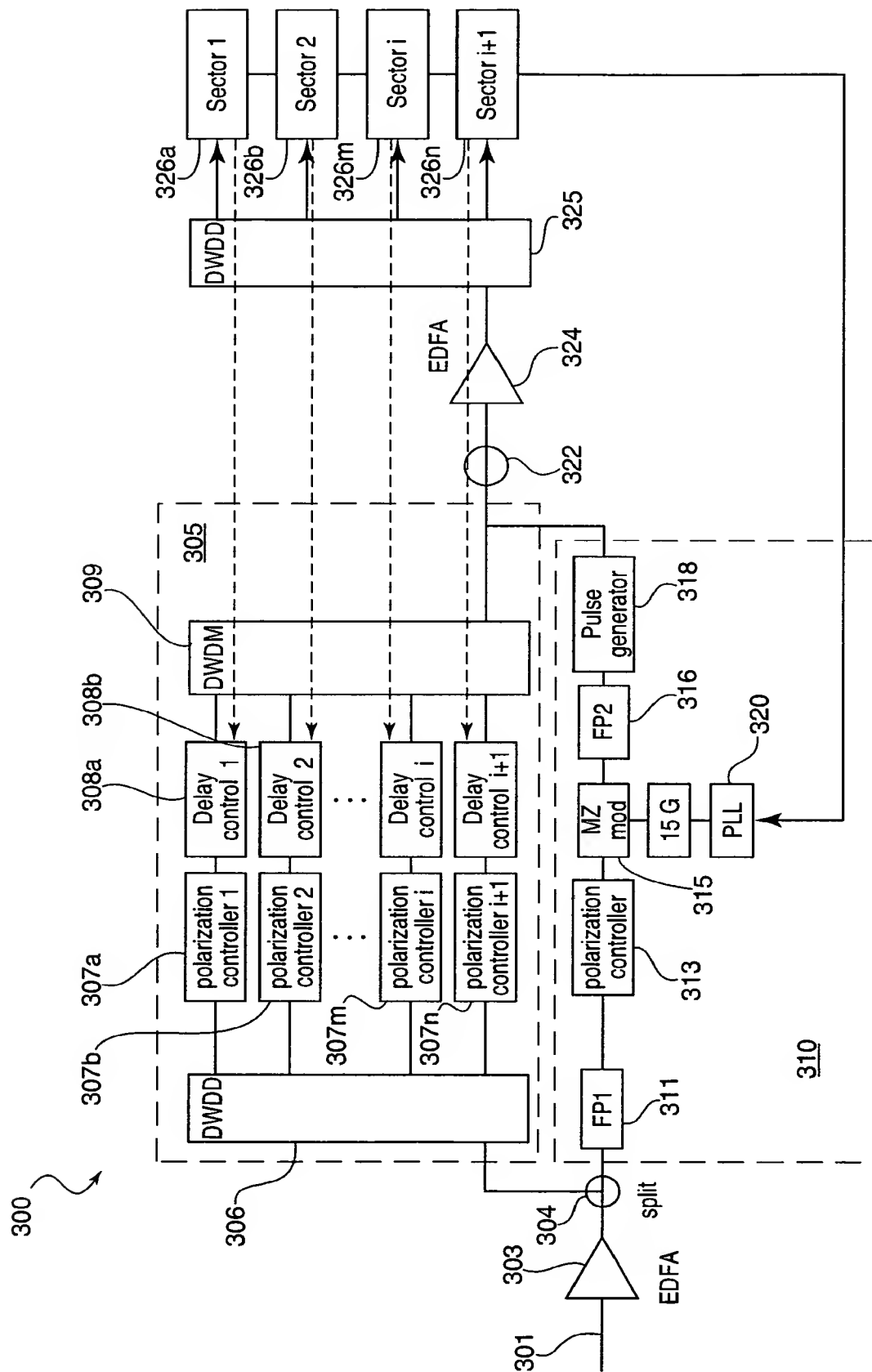
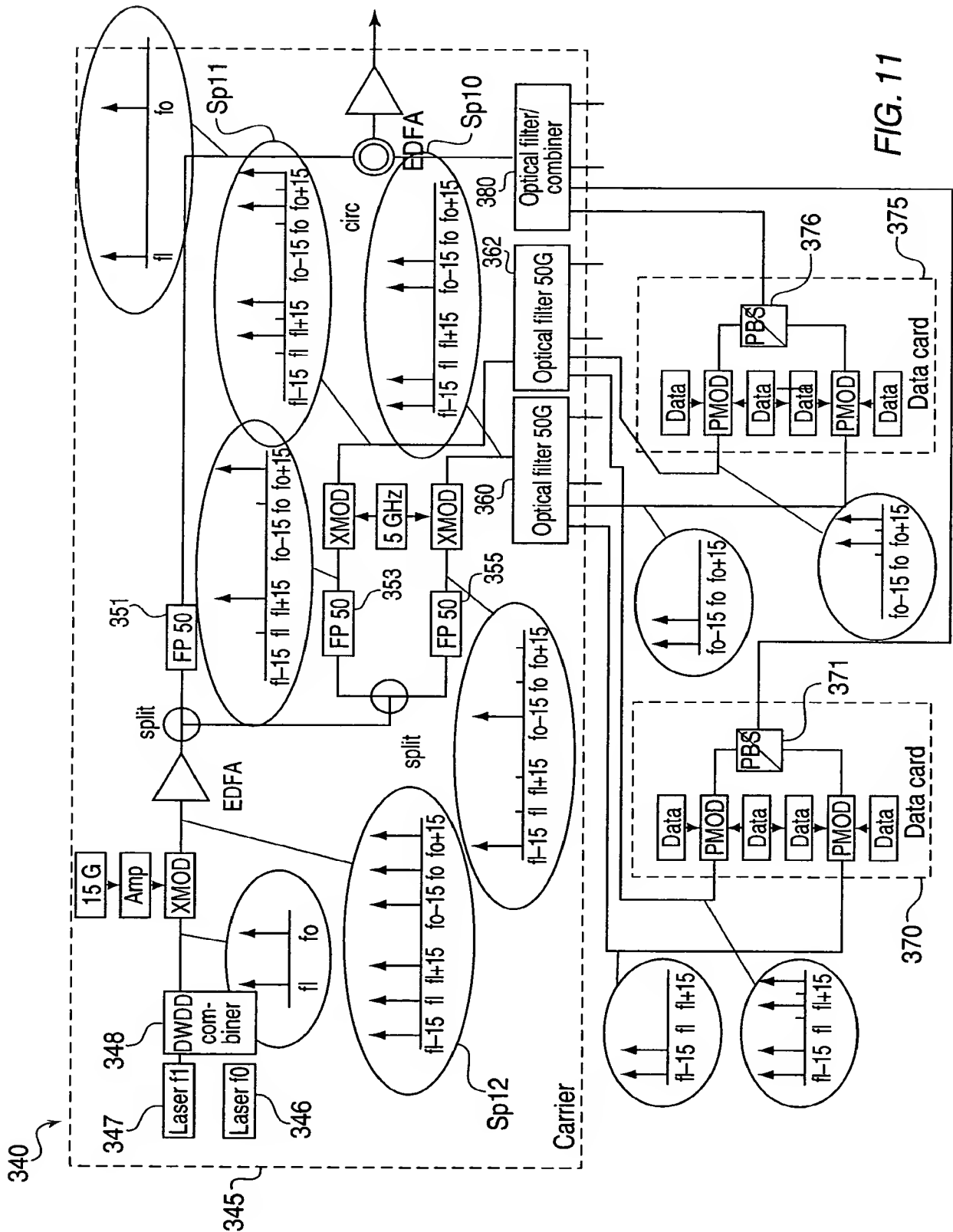


FIG. 10

REPLACEMENT SHEET

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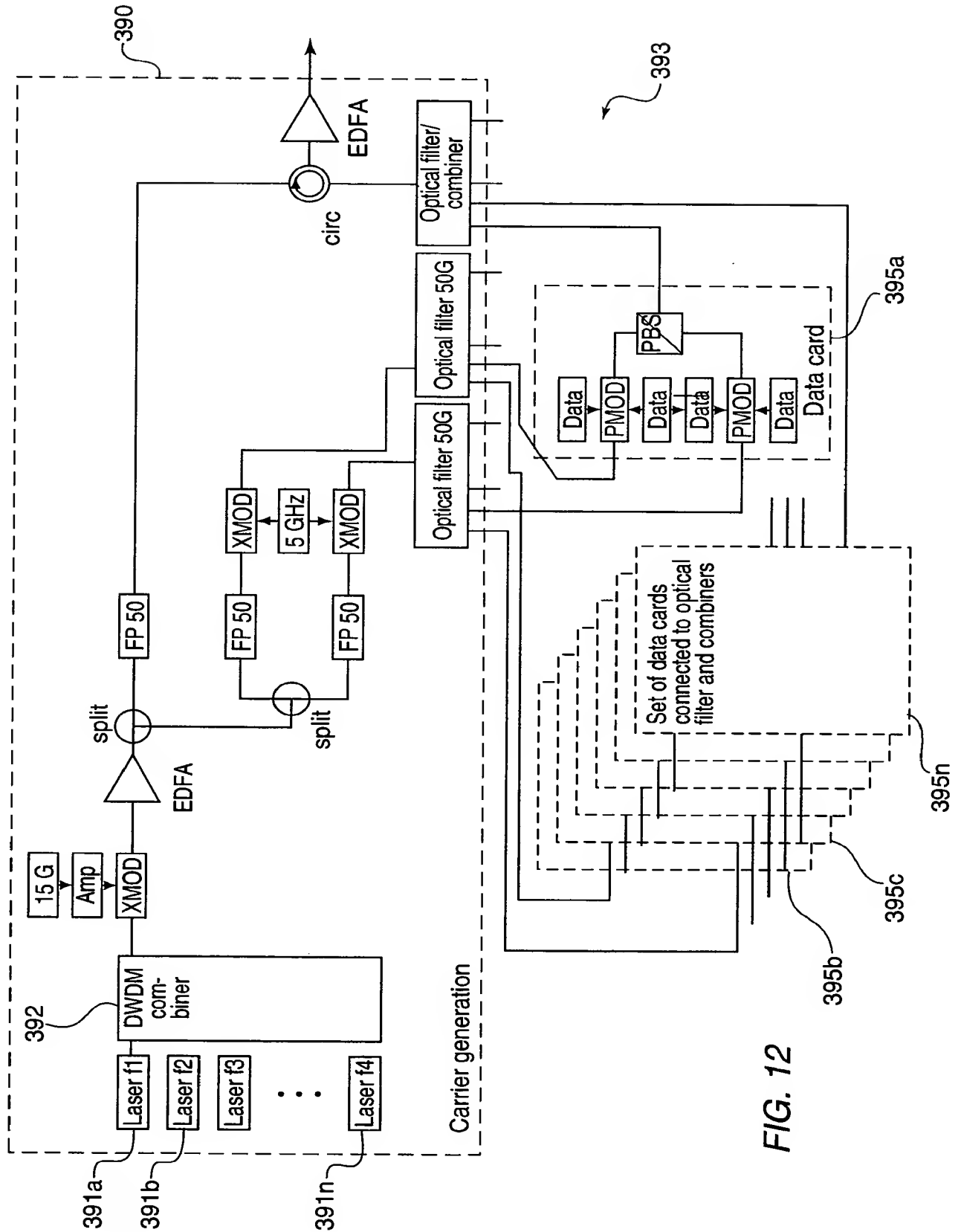


FIG. 12

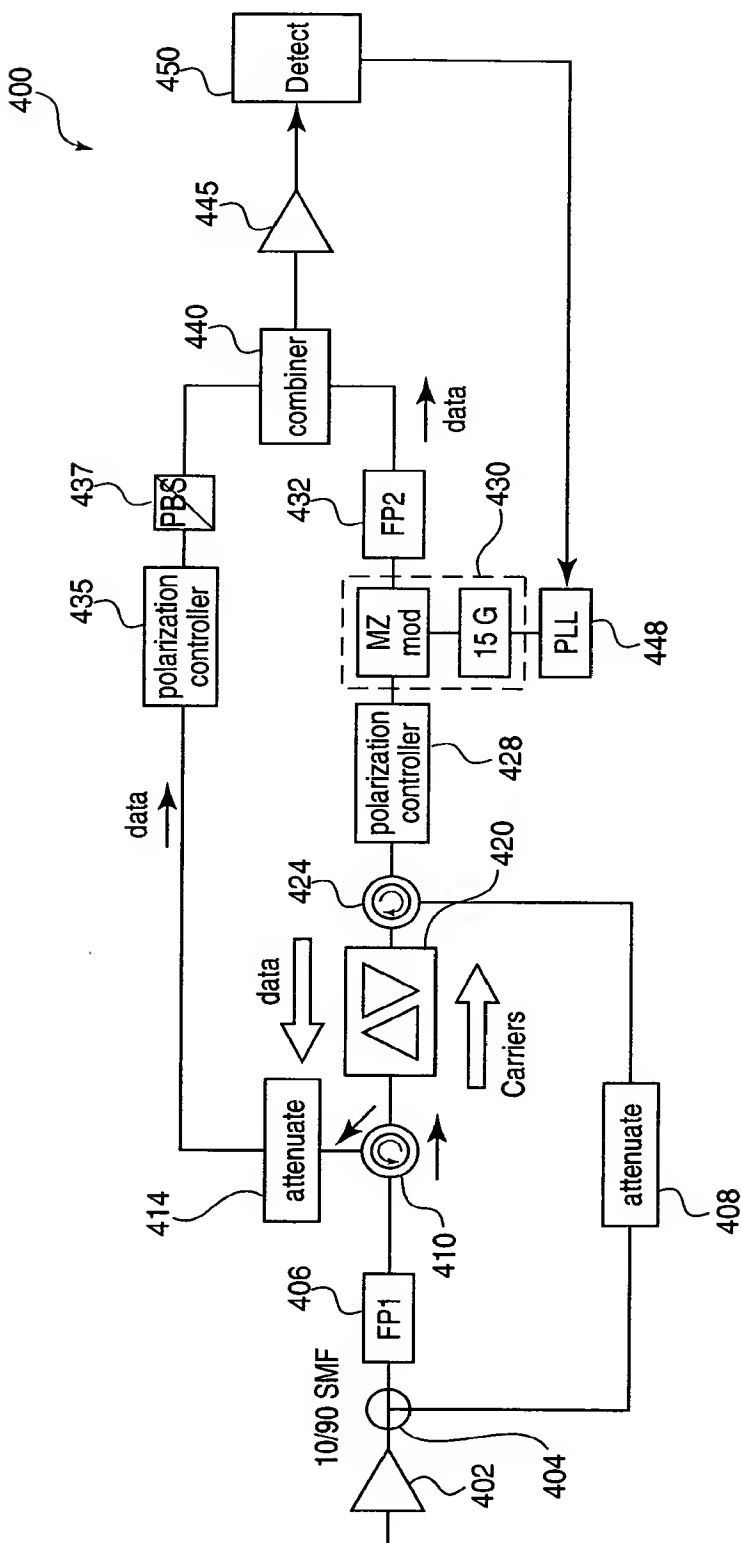


FIG. 13



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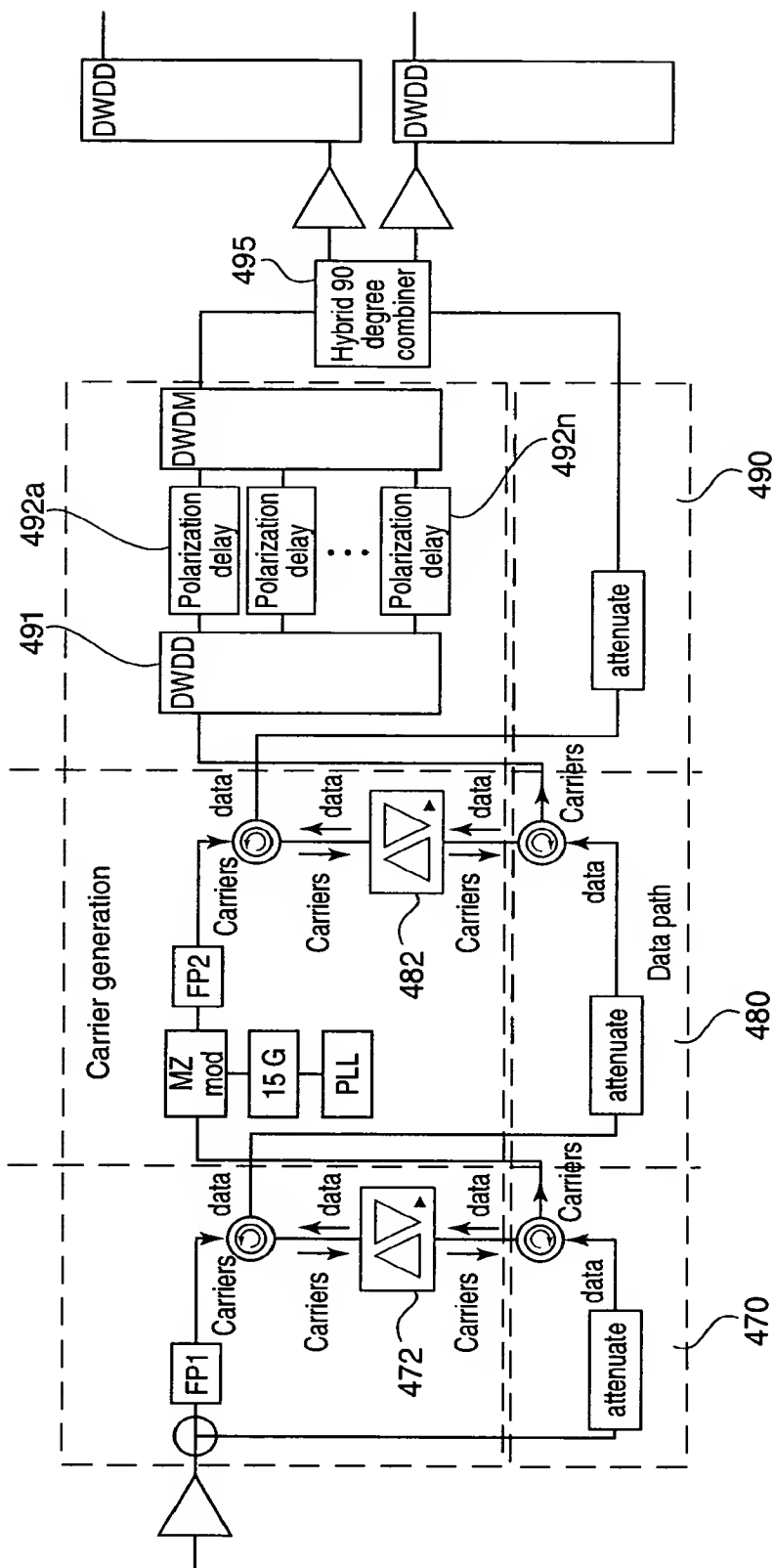


FIG. 14A

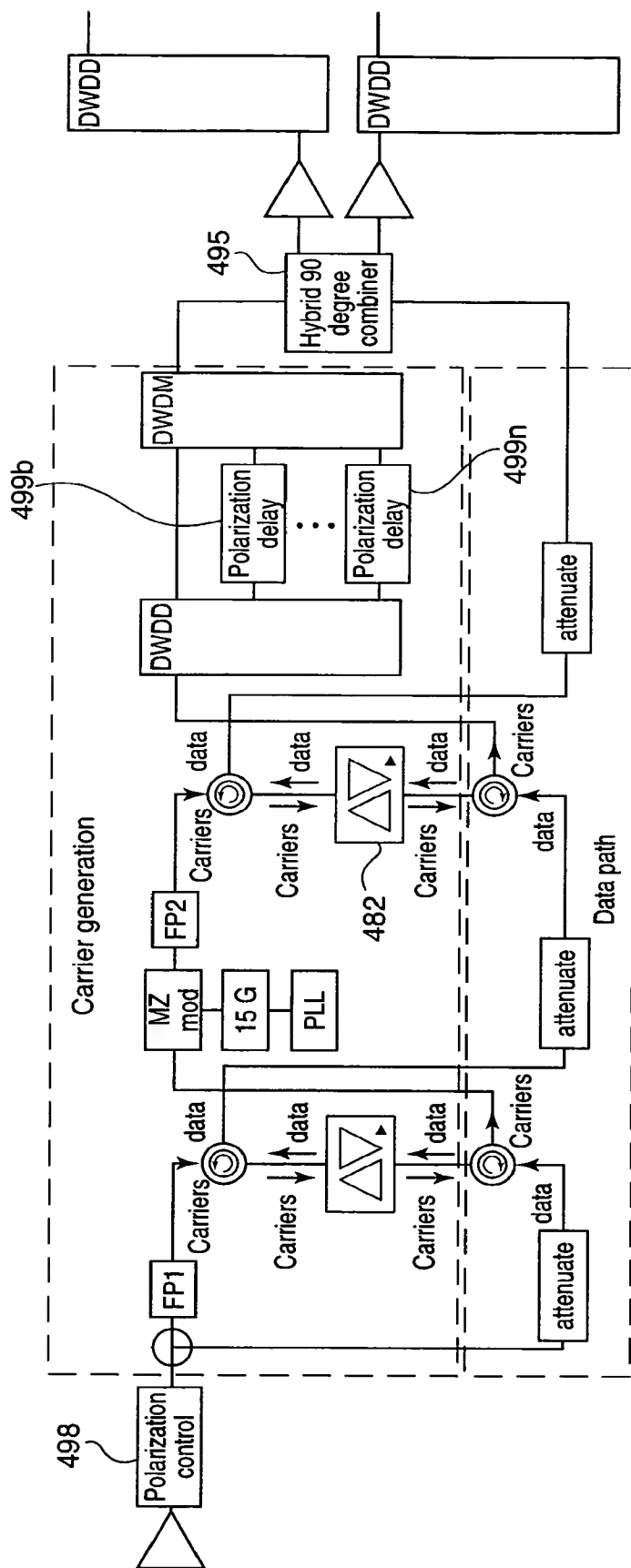


FIG. 14B

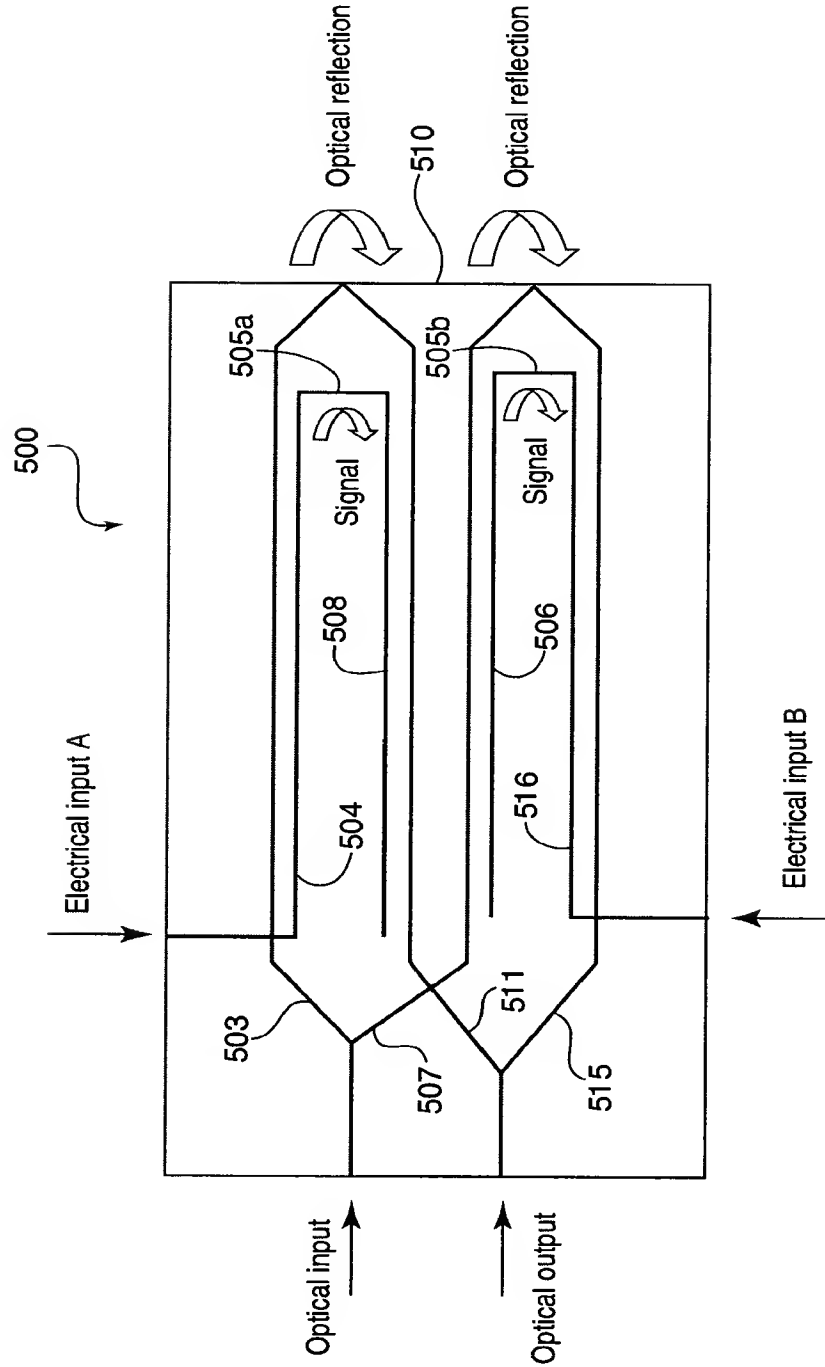


FIG. 15

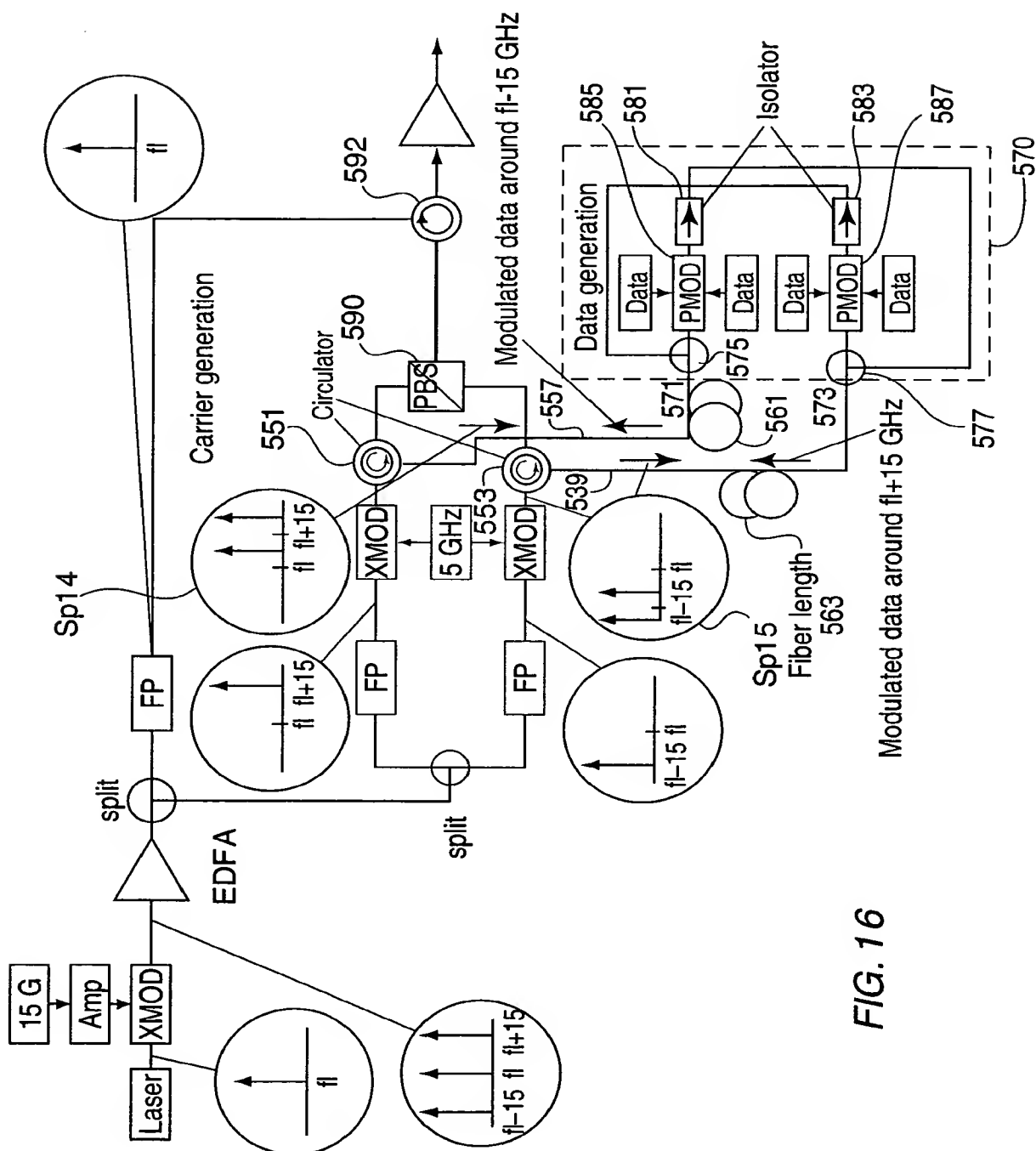


FIG. 16

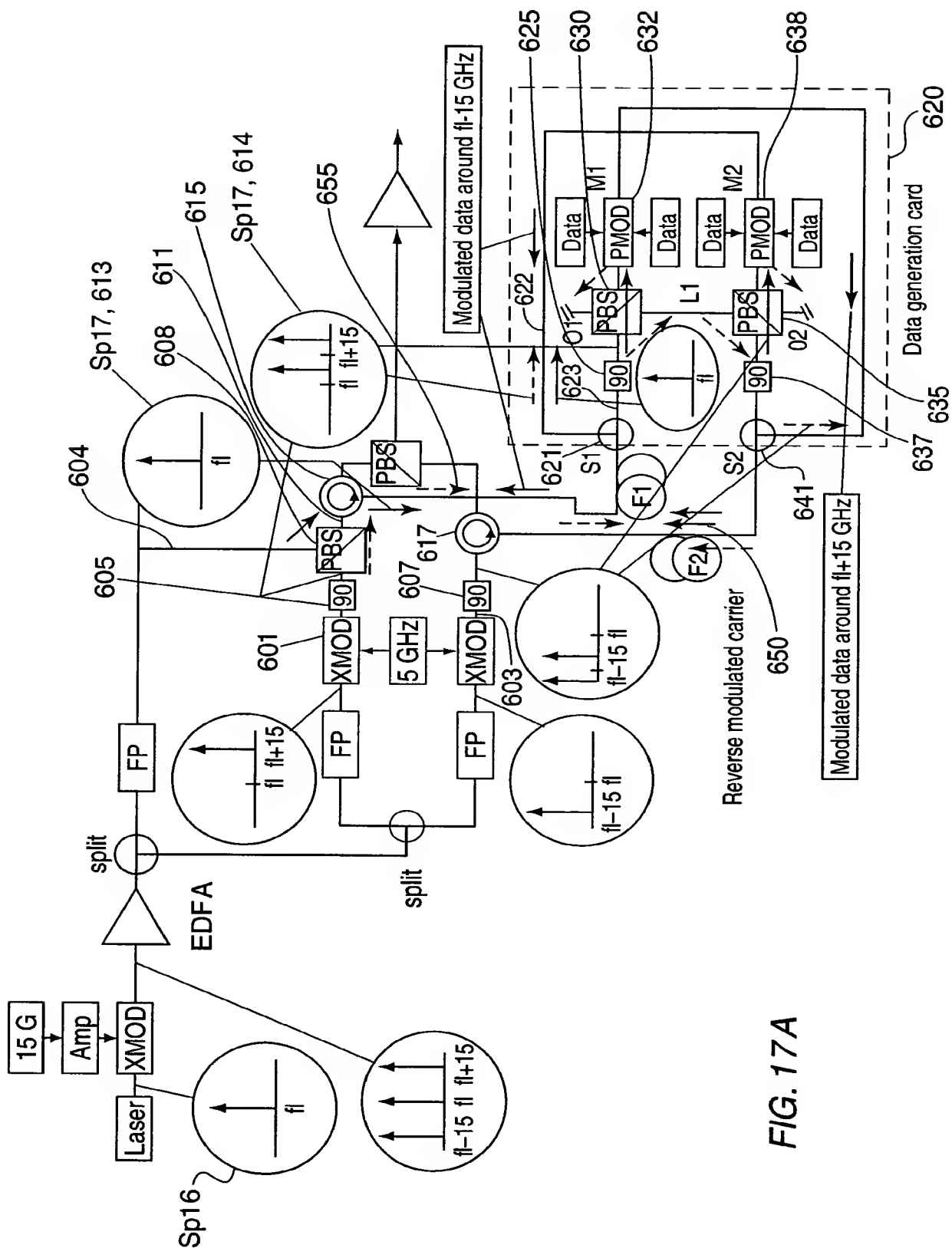
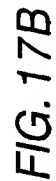


FIG. 17A



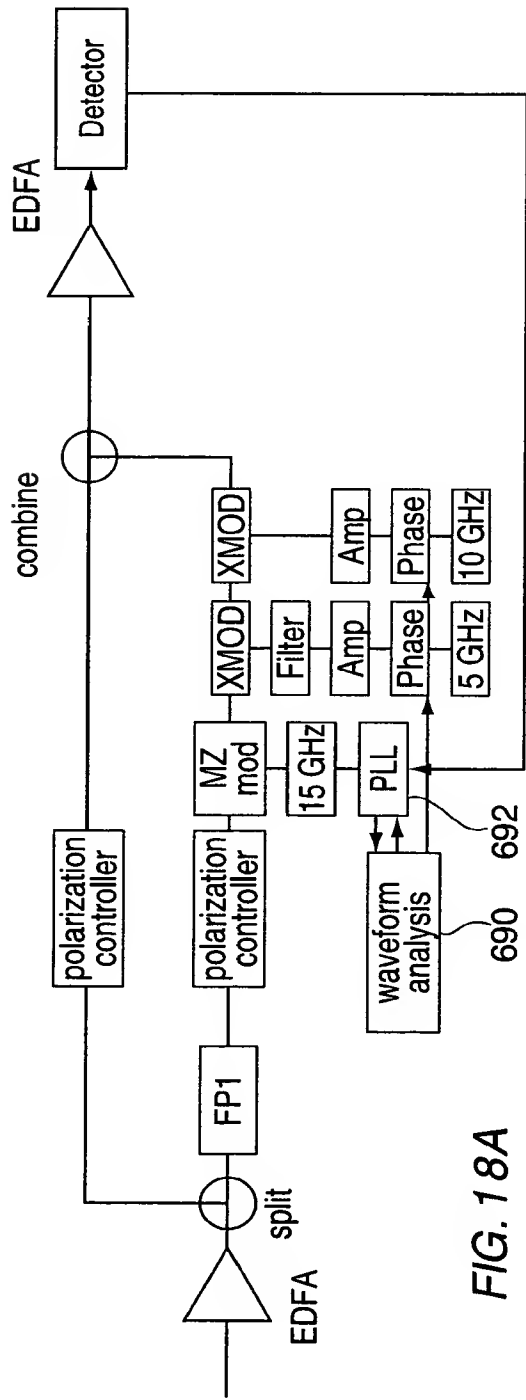


FIG. 18A

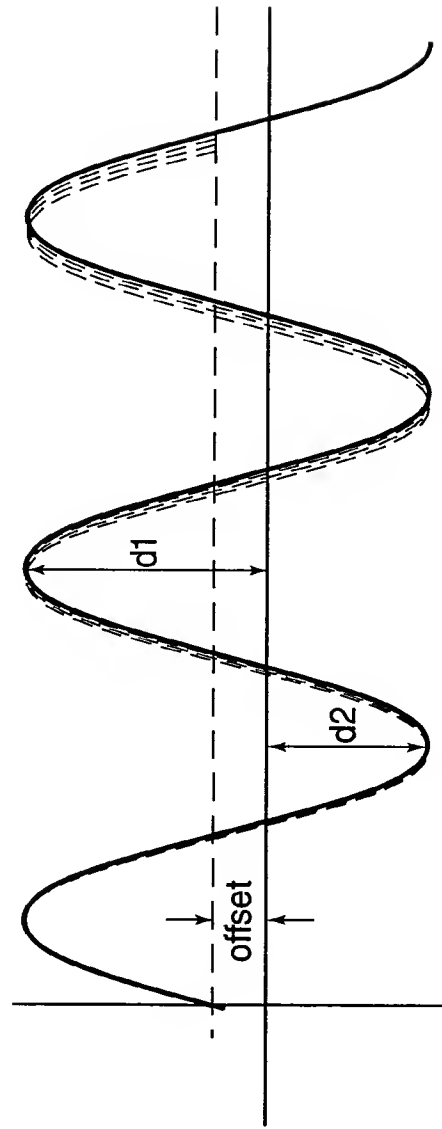


FIG. 18B

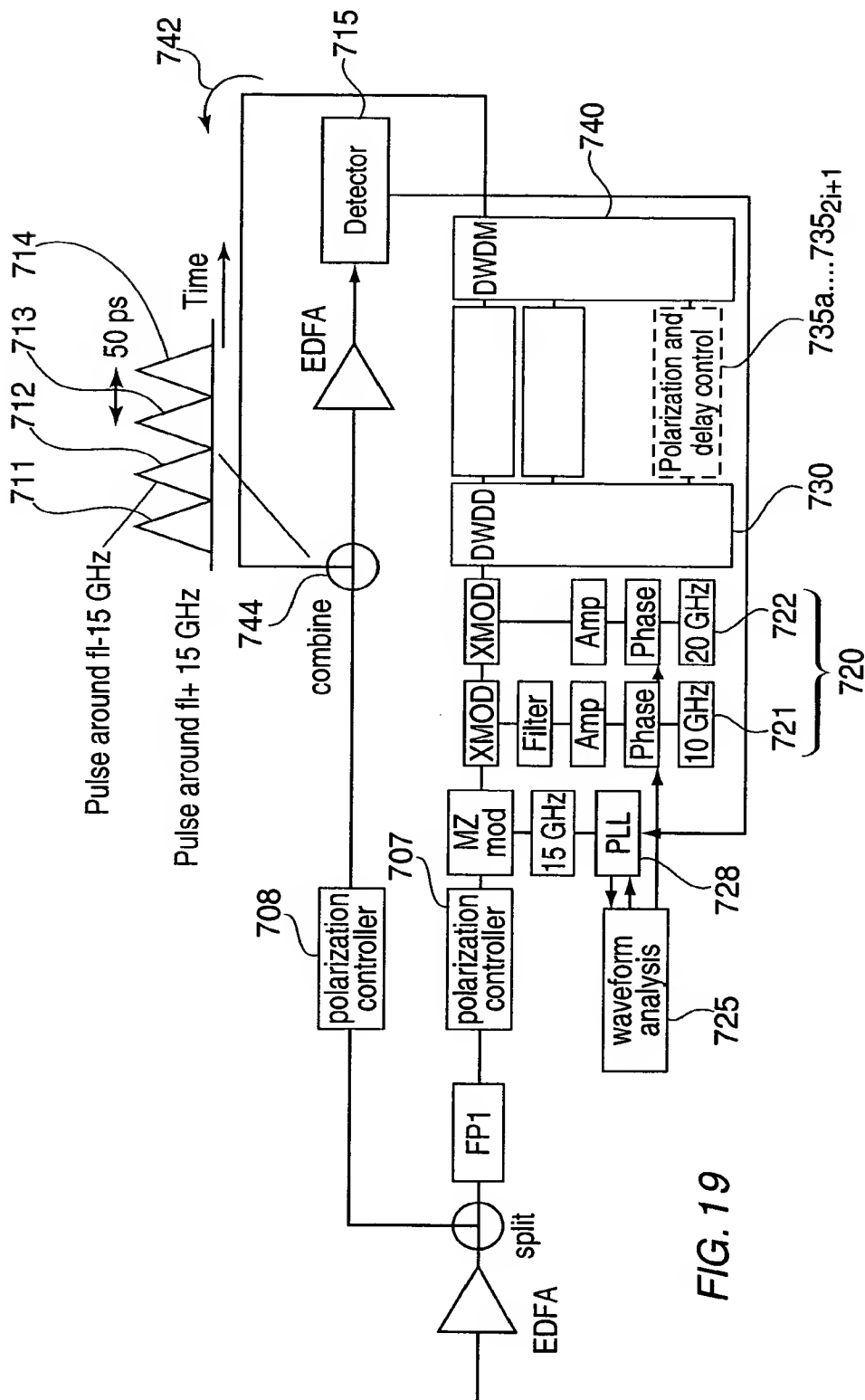


FIG. 19



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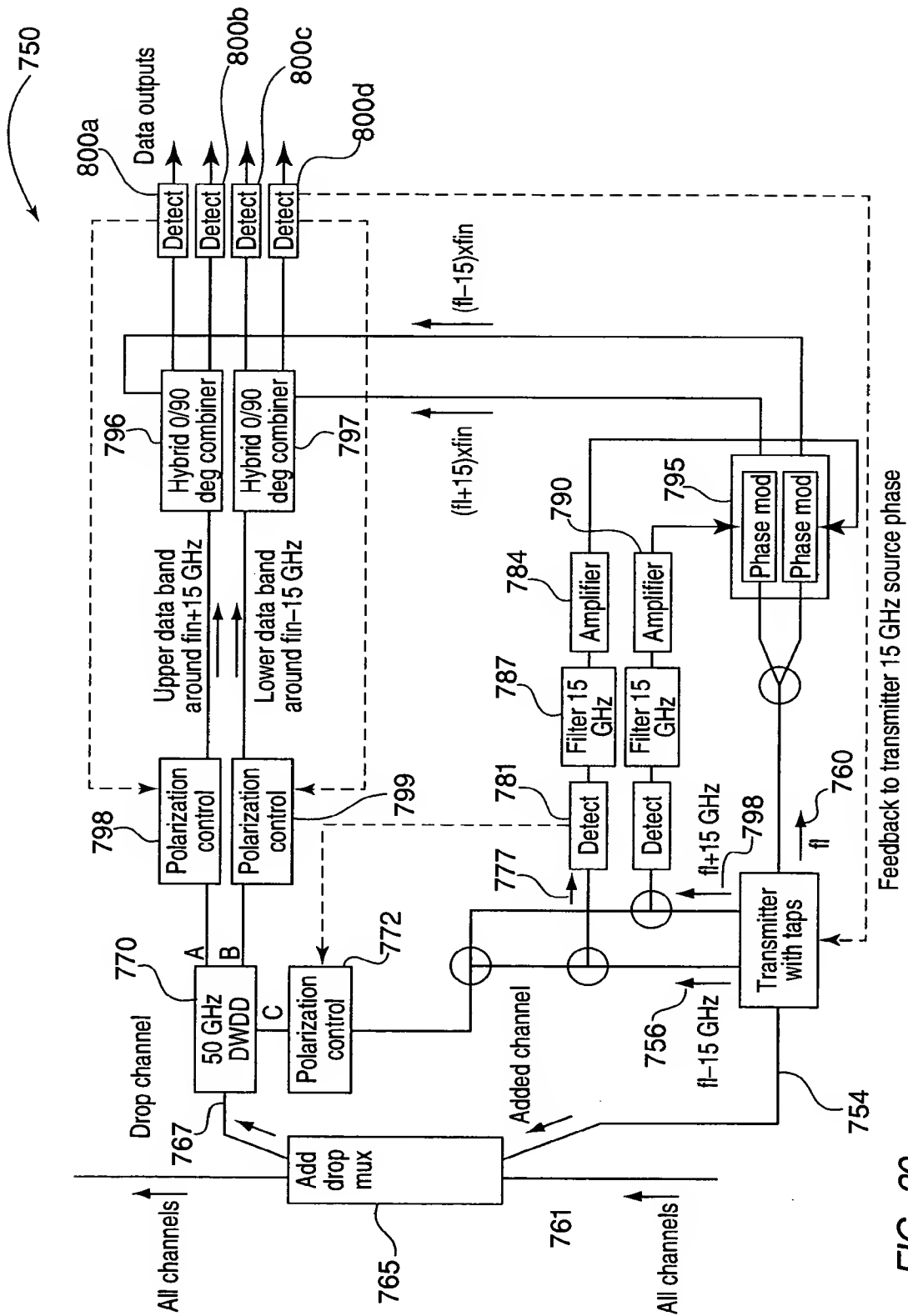


FIG. 20



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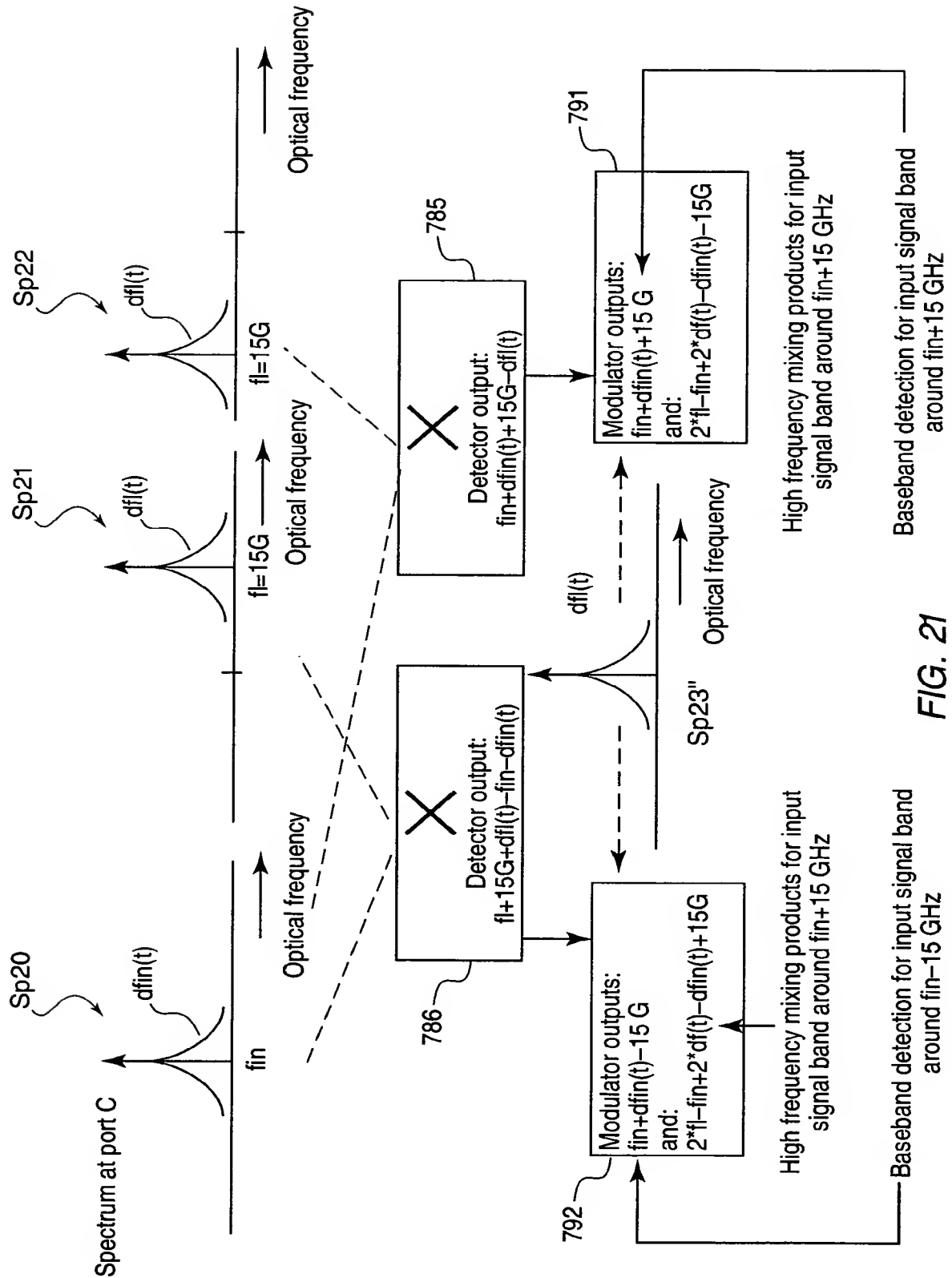


FIG. 21

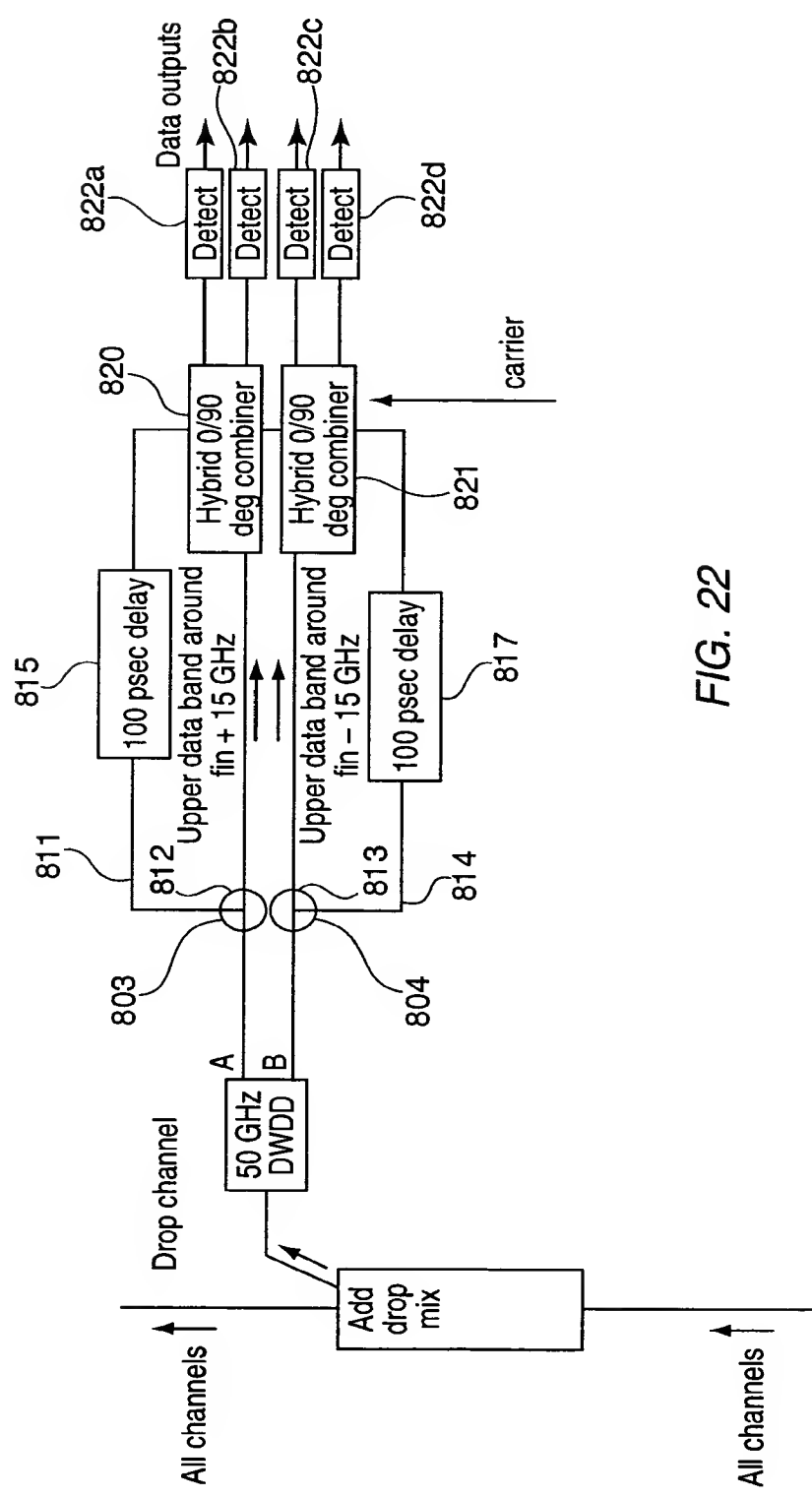


FIG. 22

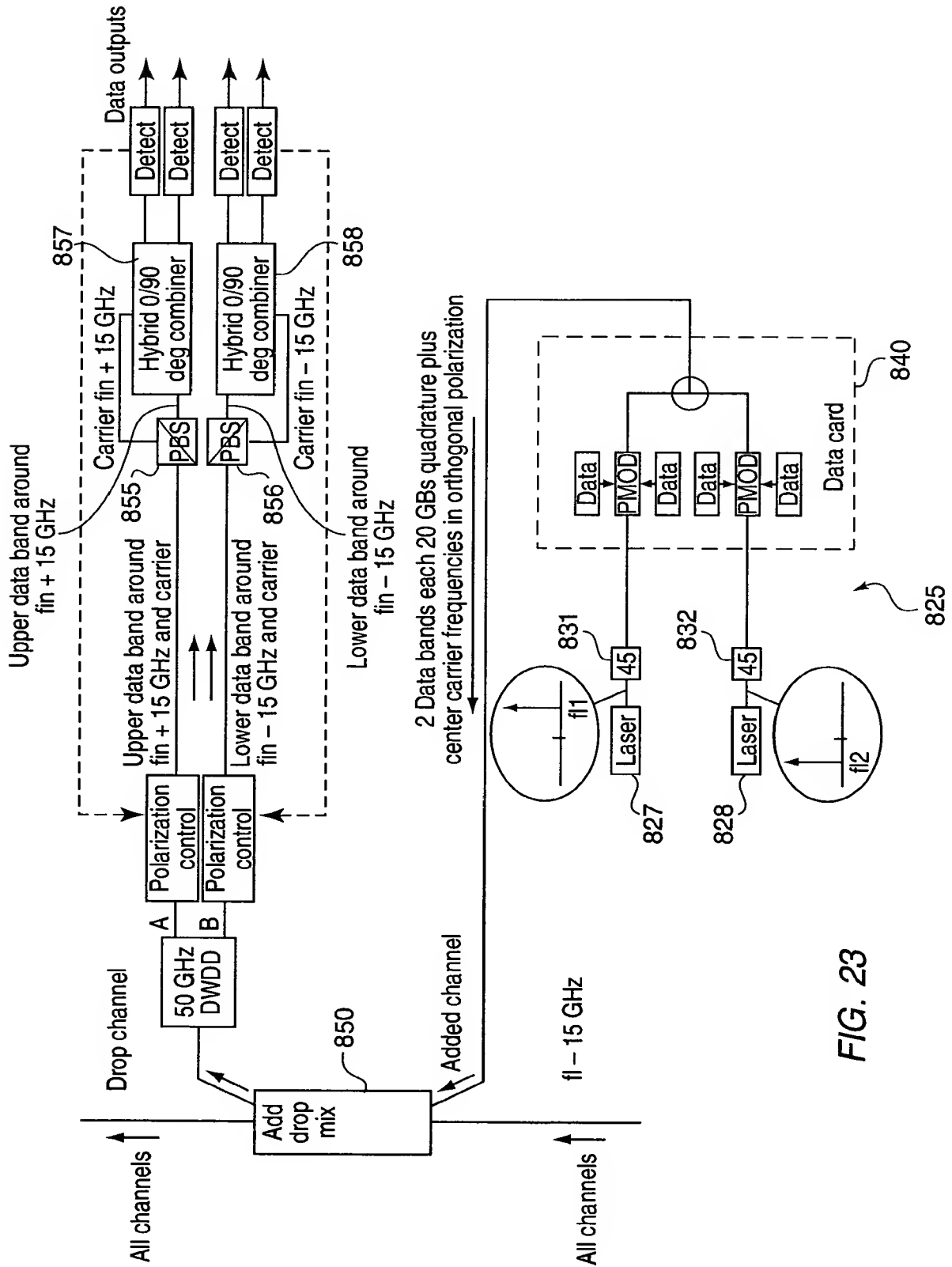


FIG. 23



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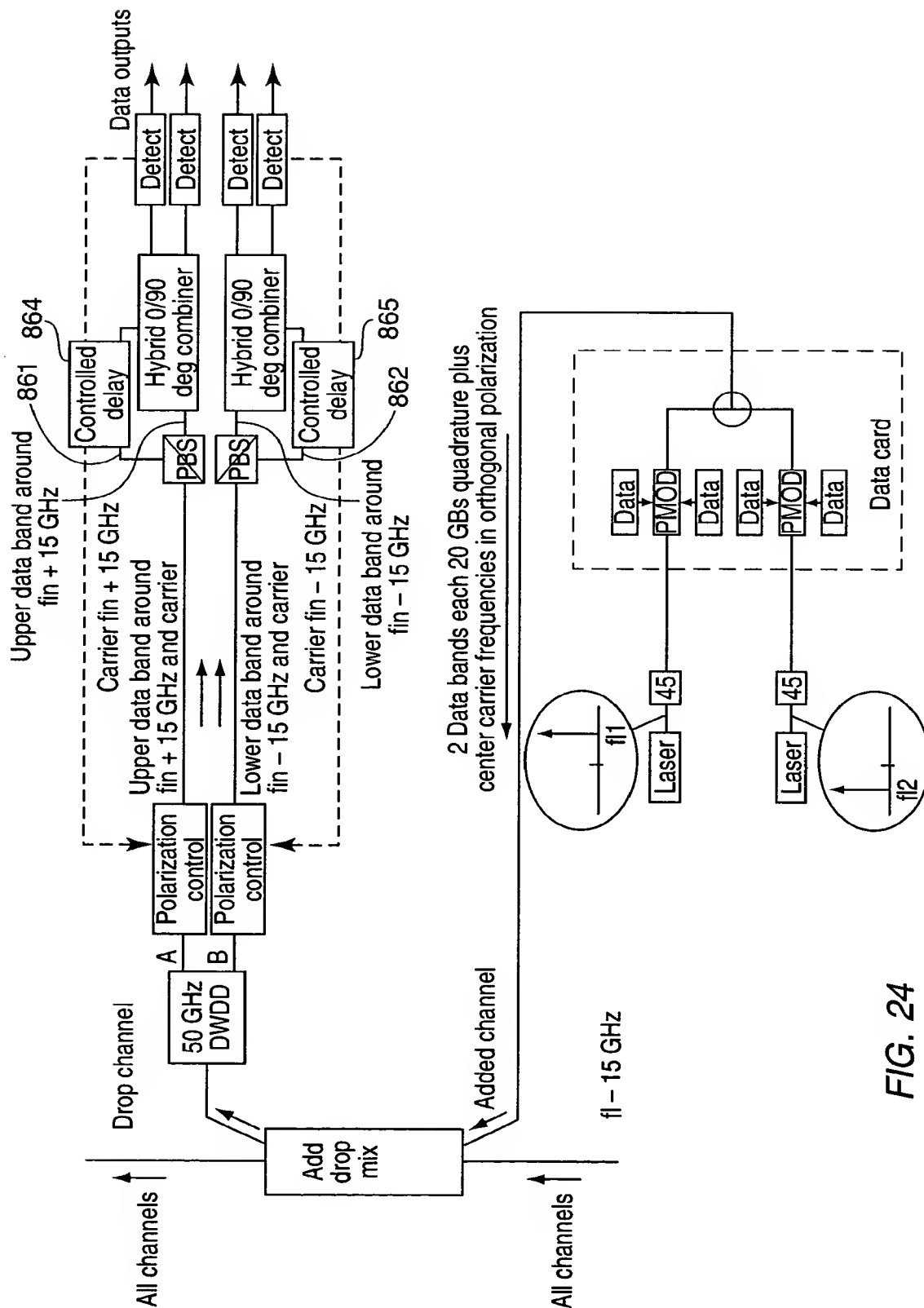
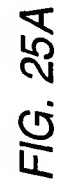


FIG. 24



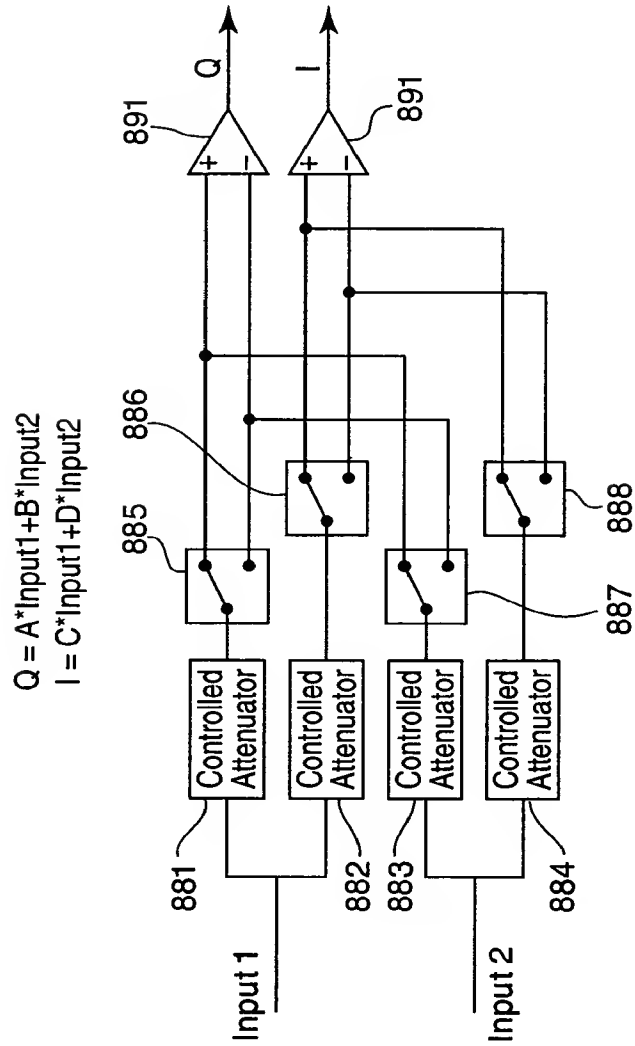


FIG. 25B

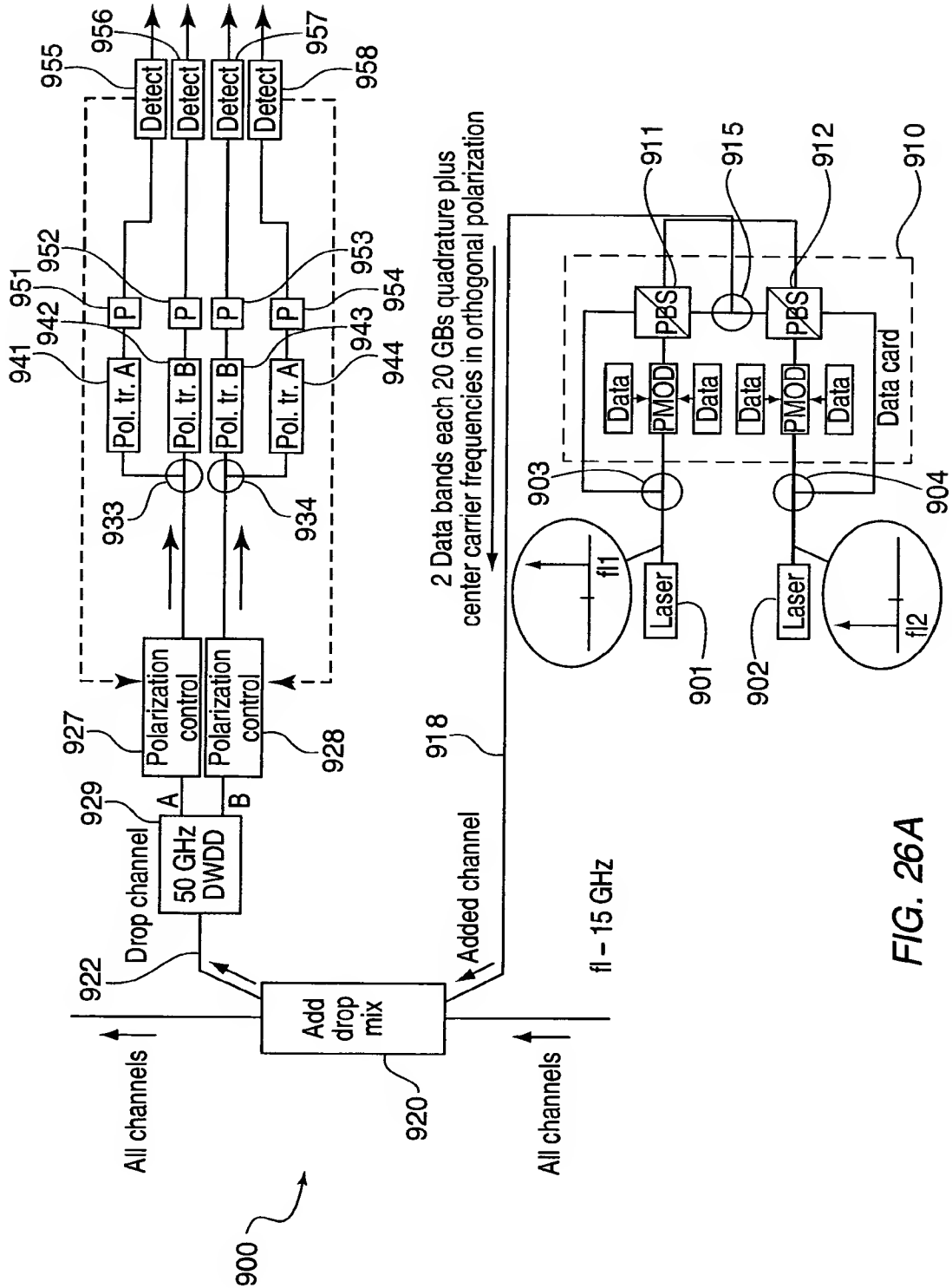


FIG. 26A

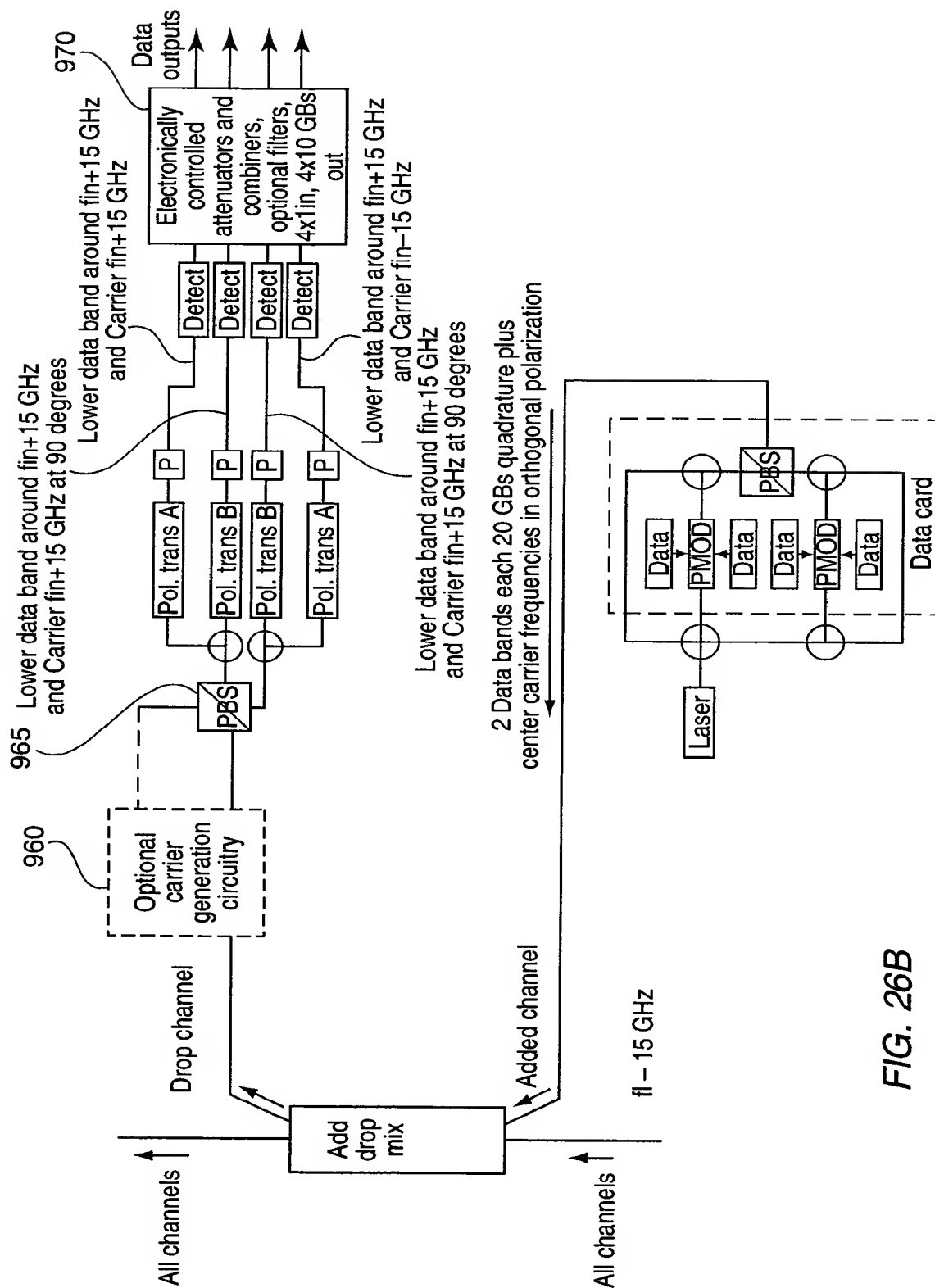


FIG. 26B

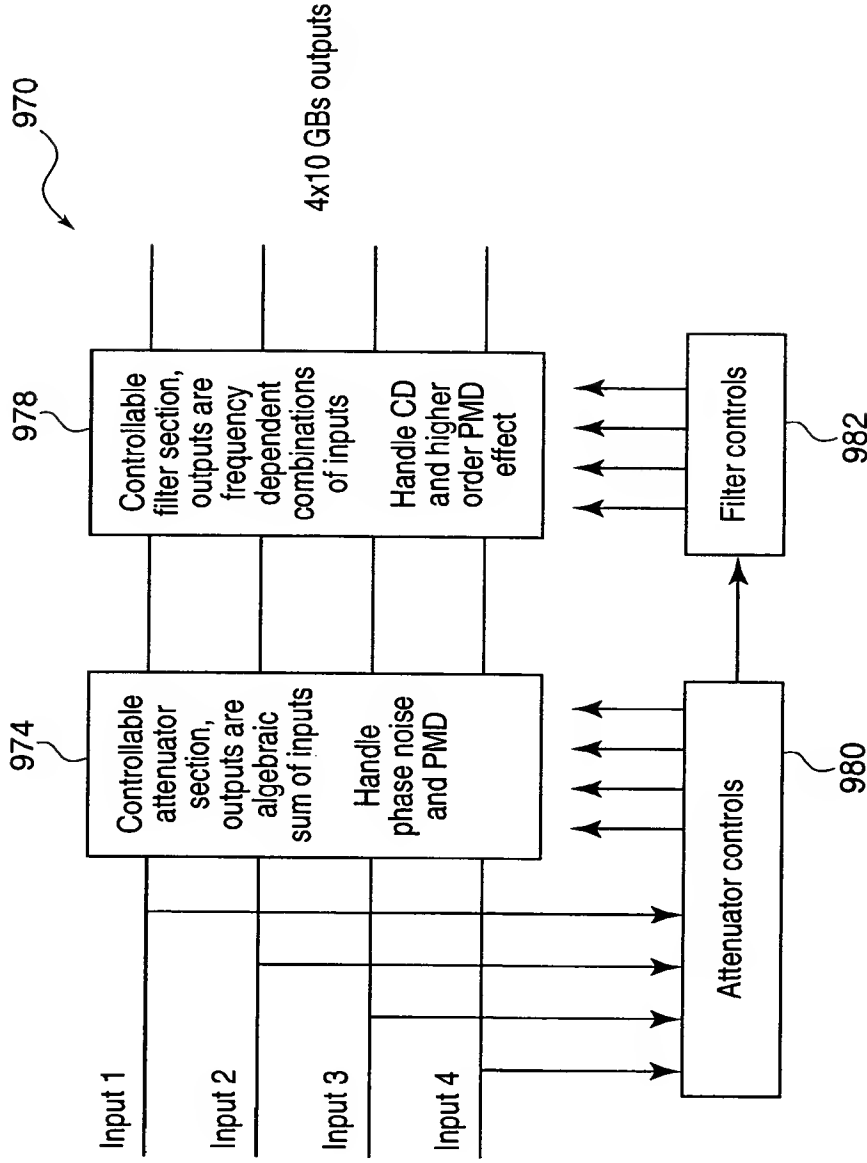


FIG. 27

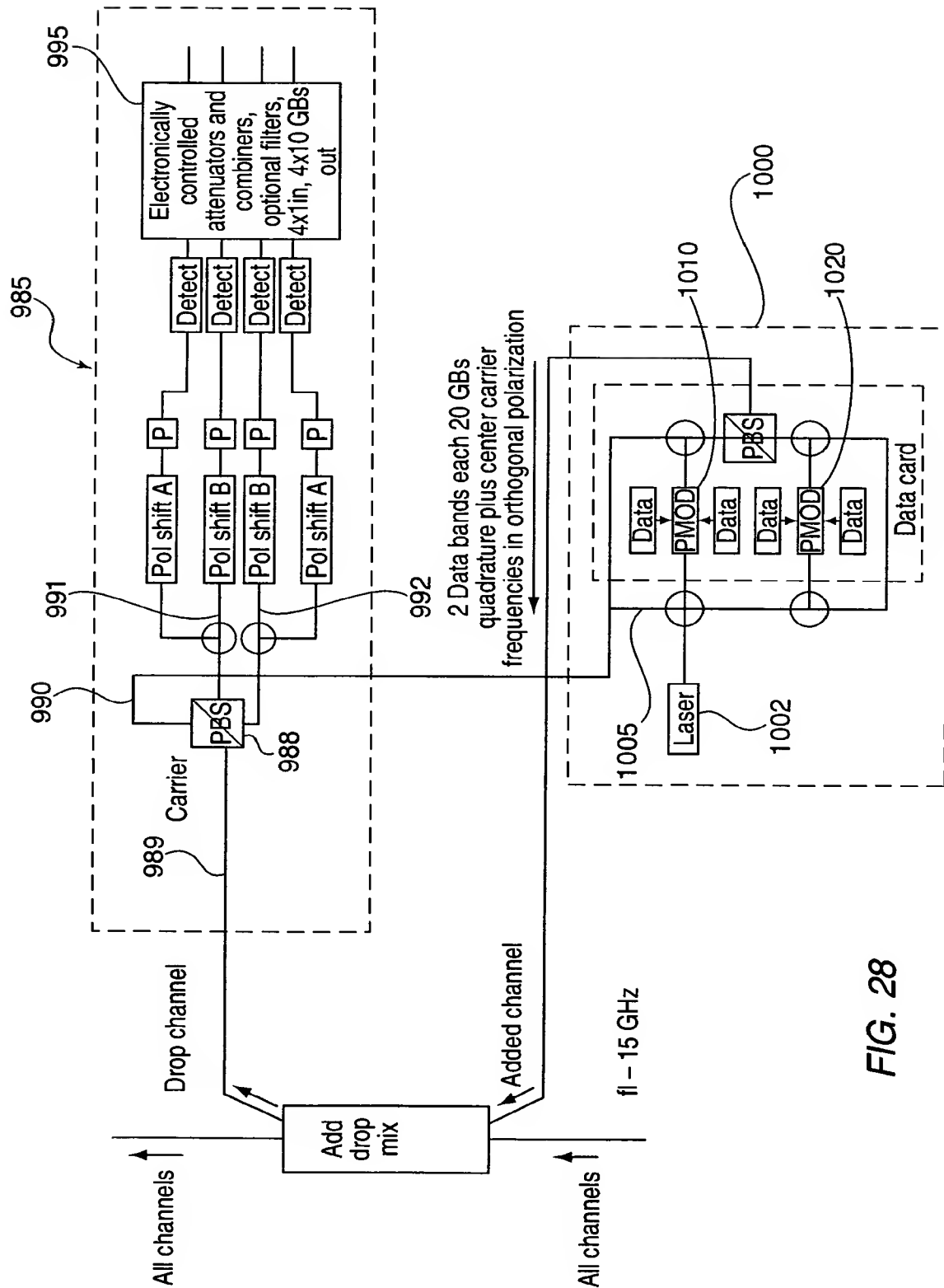


FIG. 28



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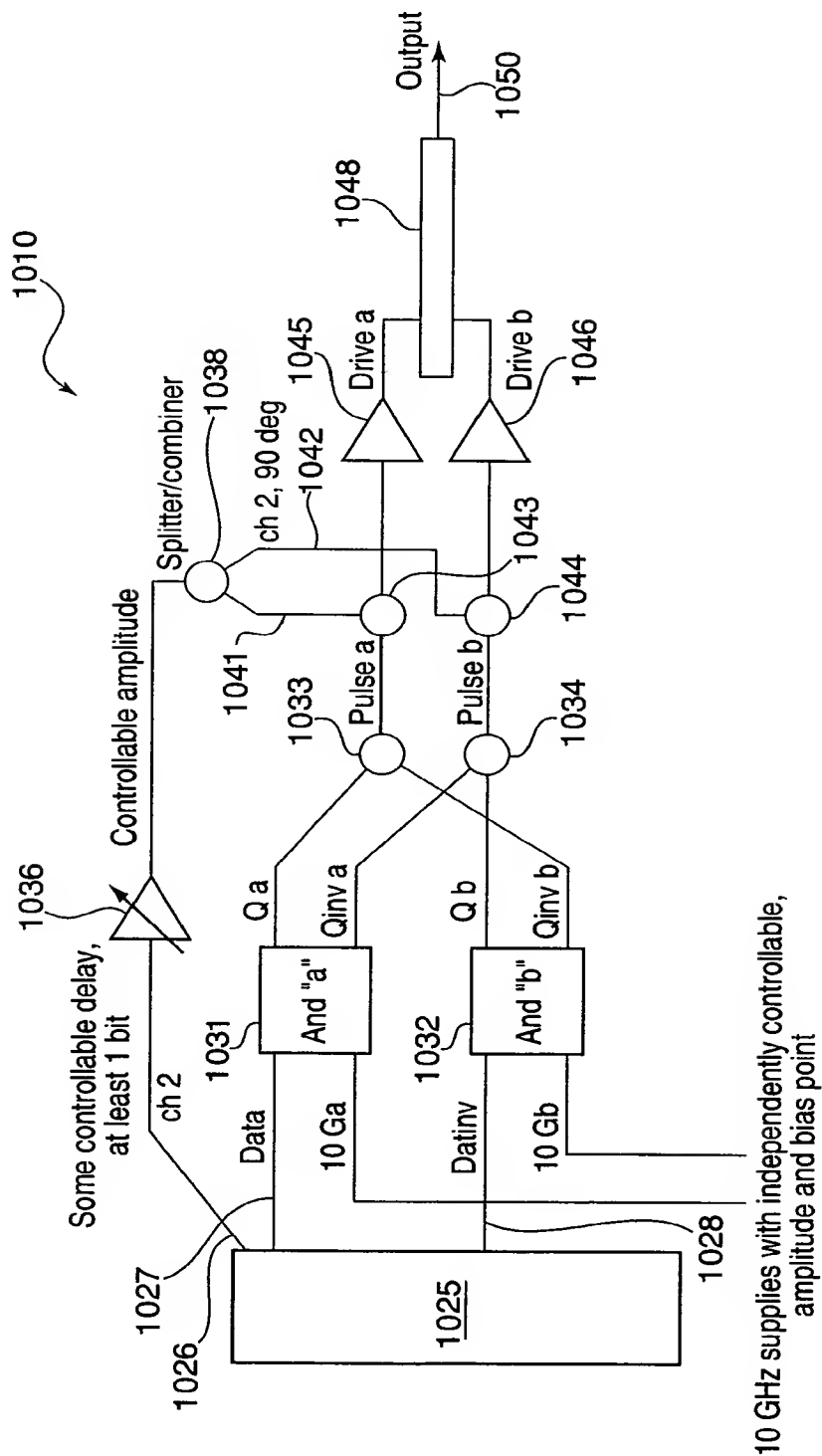


FIG. 29A



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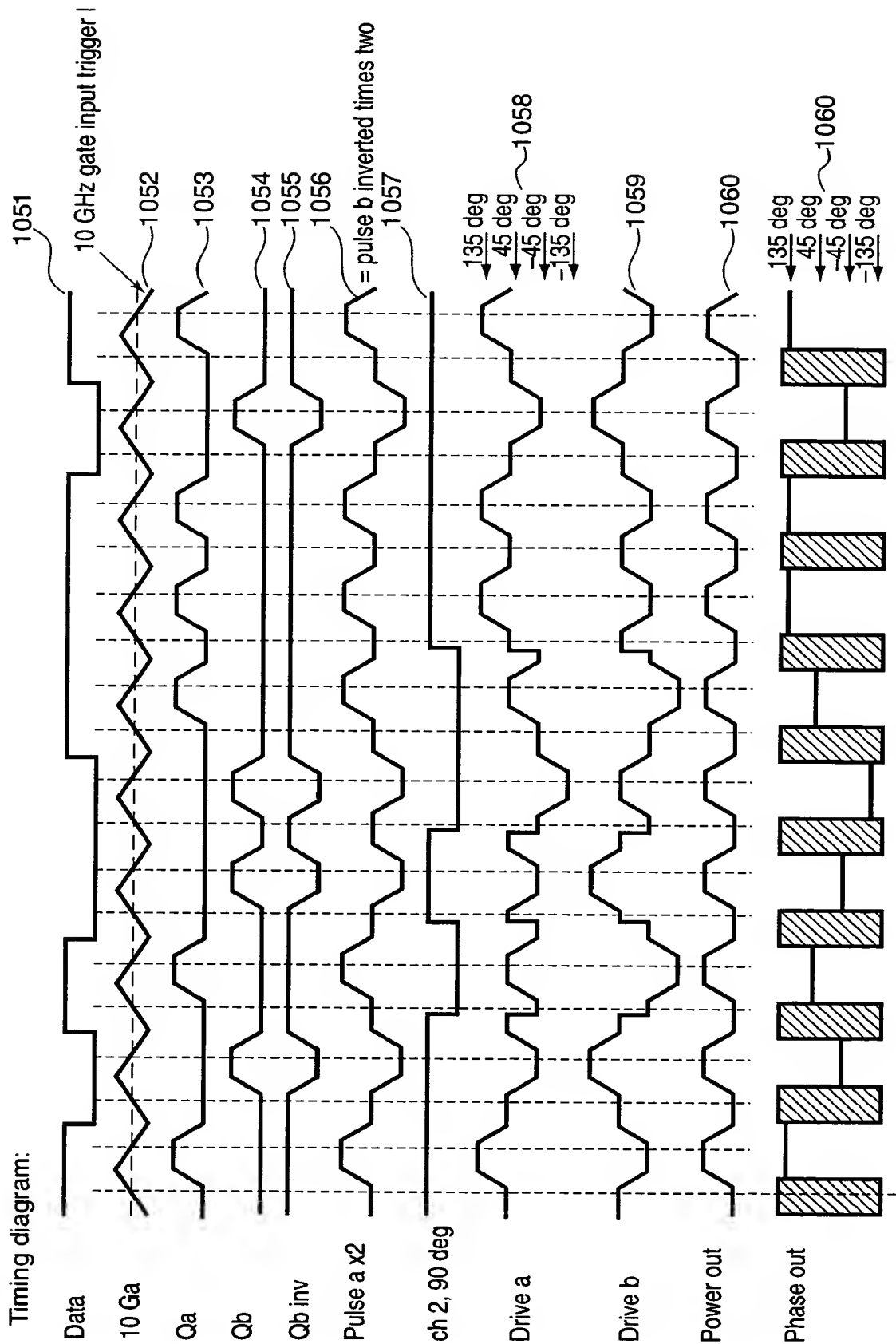


FIG. 29B

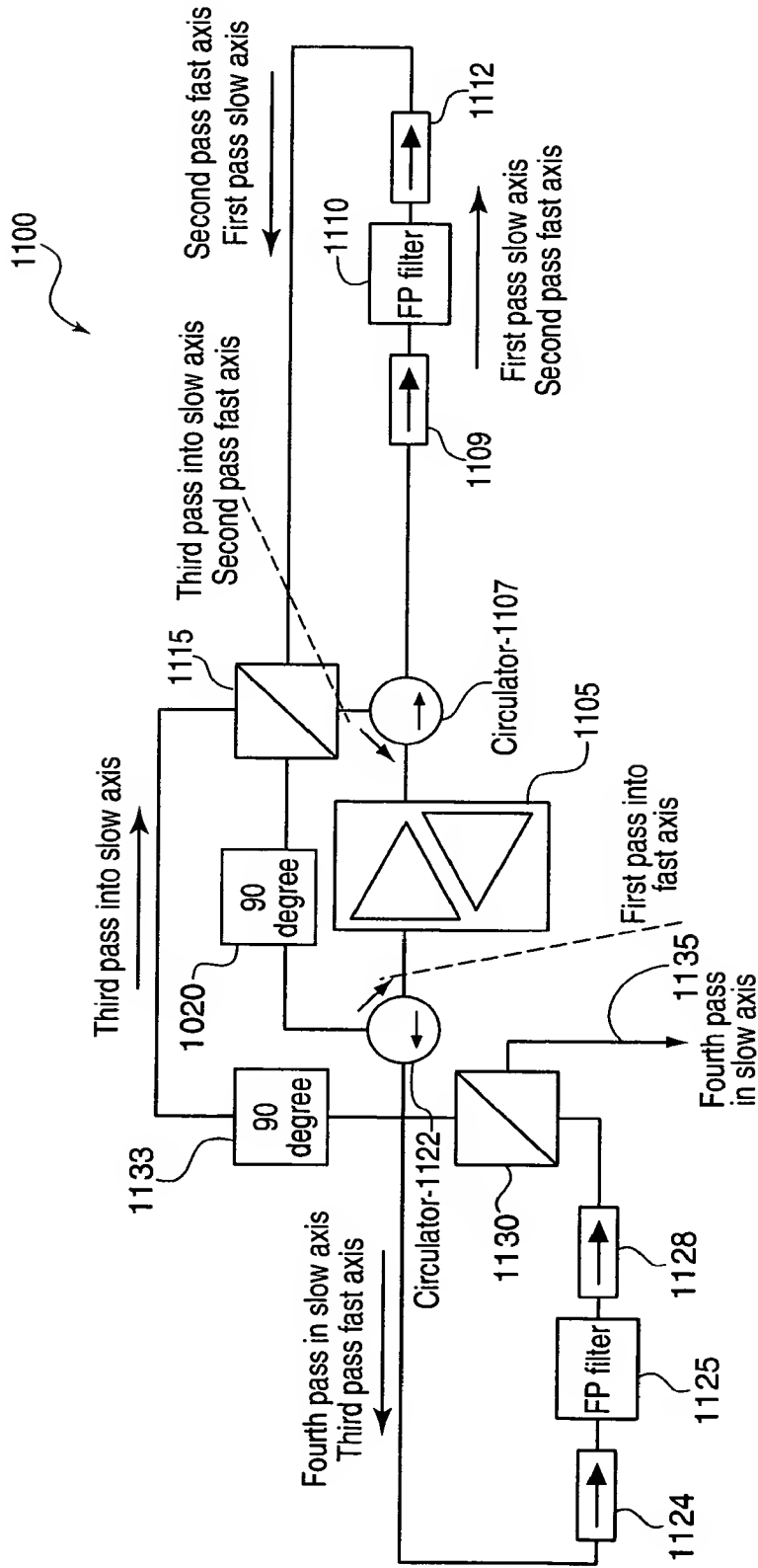


FIG. 30